

# IHC your way.

Supporting all your IHC needs.



Proteintech offers a wide range of high-quality reagents for immunohistochemistry (IHC) including antibodies, kits, buffers and supporting products to help you achieve publication-worthy IHC data at highly competitive prices. We have products for supporting the IHC needs of a broad spectrum of IHC users ranging from beginners with no prior IHC experience to highly experienced researchers performing IHC experiments on a regular basis in their labs.

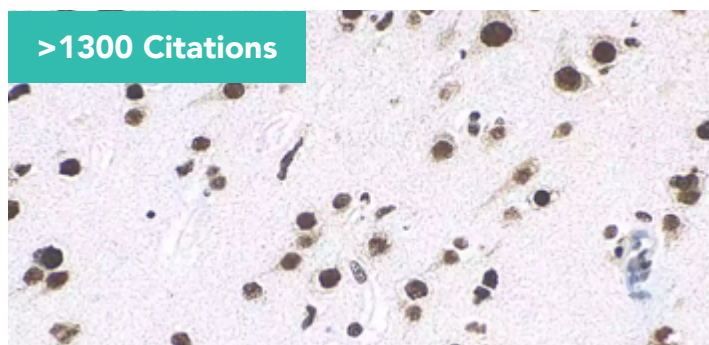
## Proteintech's IHC portfolio includes

- ✓ Primary Antibodies for IHC
- ✓ IHC Prep & Detect Kits
- ✓ IHC Detect kits
- ✓ IHCeasy Kits
- ✓ Antigen Retrieval Buffers
- ✓ Hydrophobic IHC Pens

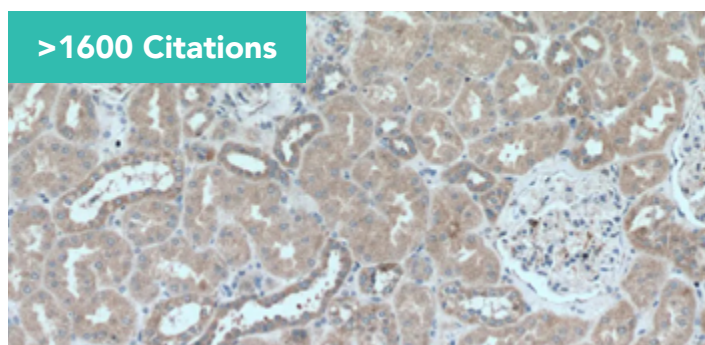
## Primary Antibodies for IHC

Proteintech is a leading provider of antibodies with a wide selection of over >8900 primary antibodies with demonstrated success in IHC applications. All our primary antibodies are developed and tested in each application by Proteintech scientists to ensure high specificity, with the broadest range of knockdown/knockout validated antibodies in the industry.

## Top Cited Antibodies Validated for IHC

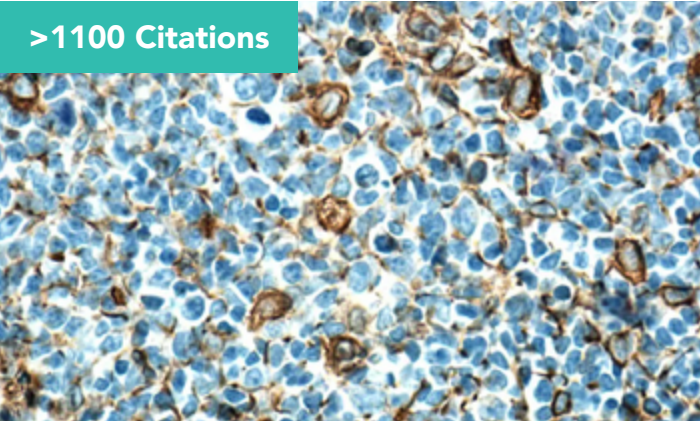


IHC analysis of human glioma tissue using 10782-2-AP (TDP-43 antibody) at dilution of 1:4000 (under 40x lens).



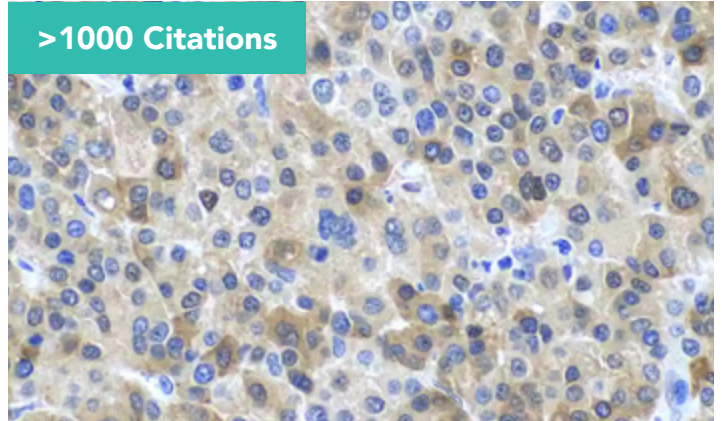
IHC analysis of human kidney tissue using 19677-1-AP (Caspase 3 antibody) at dilution of 1:200 (under 10x lens).

>1100 Citations



IHC analysis of human tonsillitis tissue using 10366-1-AP (Vimentin antibody) at dilution of 1:2000 (under 40x lens)

>1000 Citations



IHC analysis of human liver cancer tissue using 18420-1-AP (P62, SQSTM1 antibody) at dilution of 1:500 (under 40x lens).

## Species Reactivities

Majority of our primary antibodies are validated to work across multiple species

- Human
- Mouse
- Rat
- Pig
- Monkey
- Zebrafish
- Chicken
- Bovine
- Canine

## Research Areas

We have antibodies to support research across a wide range of research areas

- Cancer
- Cardiovascular
- Developmental Biology
- EMT
- Immunology

## Clonalities

Our vast antibody portfolio features the following clonalities

- Mouse Monoclonals
- Rabbit Polyclonals
- Rabbit Recombinant Monoclonals

## Applications

In addition to IHC, many of our primary antibodies are validated to work in multiple applications

- Western Blotting
- Immunofluorescence
- ELISA
- Flow Cytometry

Scan to view full selection of our primary antibodies for IHC



## IHC Prep & Detect Kits

IHC Prep & Detect kits contain all the basic reagents needed for developing an IHC workflow and are compatible with primary antibodies from any supplier.

Kit components include:

- Antigen retrieval buffer
- Washing buffer
- Blocking buffer
- Quenching buffer
- Primary antibody diluent
- Secondary antibody
- Chromogen component A
- Chromogen component B
- Signal enhancer
- Counter staining reagent
- Mounting media



## IHC Prep & Detect Kits

Catalog No.	Product Name	Secondary Antibody Species Specificity	Size
PK10017	IHC Prep & Detect Kit for Rabbit Primary Antibody	Rabbit	50T
PK10018	IHC Prep & Detect Kit for Mouse Primary Antibody	Mouse	50T
PK10019	IHC Prep & Detect Kit for Rabbit/Mouse Primary Antibody	Rabbit/Mouse	50T



## IHC Detect Kits

IHC Detect Kits are designed to facilitate highly sensitive signal detection during an IHC workflow and are compatible with primary antibodies from any supplier. Kit components include:

- Quenching buffer
- Primary antibody diluent
- Secondary antibody
- Chromogen component A
- Chromogen component B

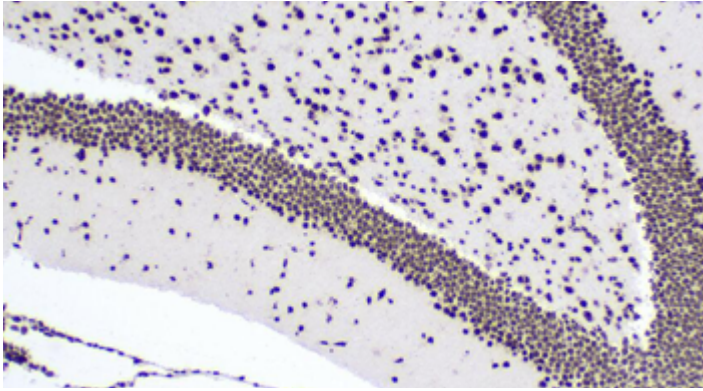
## IHC Detect Kits

Catalog No.	Product Name	Secondary Antibody Species Specificity	Size
PK10009	IHC Detect Kit for Rabbit Primary Antibody	Rabbit	60T
PK10010	IHC Detect Kit for Mouse Primary Antibody	Mouse	60T
PK10006	IHC Detect Kit for Rabbit/Mouse Primary Antibody	Rabbit/Mouse	60T

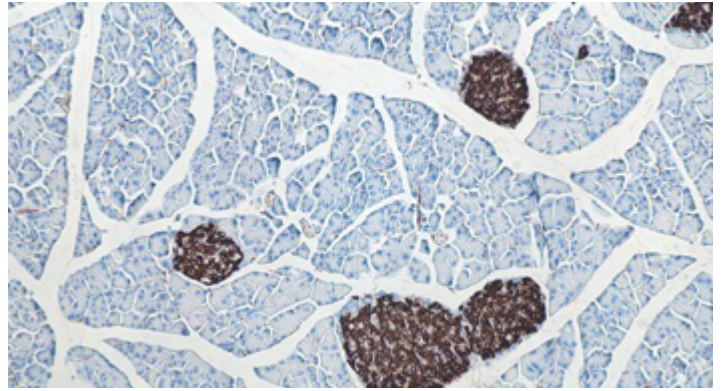
Scan to view all IHC reagent kits







IHC analysis of mouse brain tissue using Proteintech's TDP-43 rabbit recombinant antibody (80001-1-RR) and IHC Prep & Detect Kit for Rabbit Primary Antibody (PK10017).



IHC analysis of mouse pancreas tissue using Proteintech's Insulin mouse monoclonal antibody (66198-1-Ig) and IHC Detect Kit for Mouse Primary Antibody (PK10010).

## IHCeasy Kits

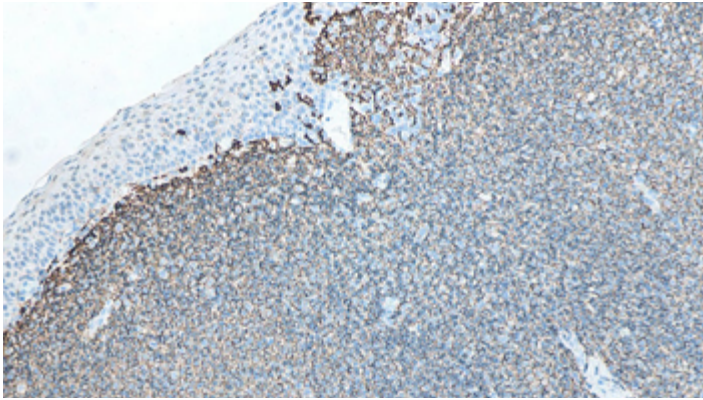
IHCeasy kits are pre-optimized, ready-to-use IHC kits containing all the antibodies and reagents that would be needed for developing a complete IHC workflow for specific protein targets, including the primary antibody. Each IHCeasy kit comes with a detailed protocol enabling you to obtain high-quality IHC data in your lab even without having any prior IHC experience. Kit components include:

- Antigen retrieval buffer
- Washing buffer
- Blocking buffer
- Primary antibody
- Secondary antibody
- Chromogen component A
- Chromogen component B
- Signal enhancer
- Counter staining reagent
- Mounting media

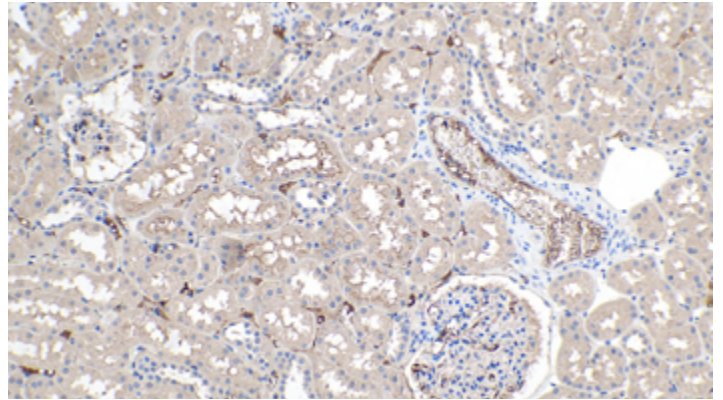


Scan to view all available IHCeasy Kits





Human tonsillitis tissue stained with CD20 IHCeasy kit (KHC0018).



Human kidney tissue stained with APOL1 IHCeasy kit (KHC0223).

## IHCeasy kits have a broad target coverage across multiple research areas

- ✓ Adipose Tissue
- ✓ Cancer & EMT
- ✓ Epigenetics
- ✓ Immunology
- ✓ Kidney disease
- ✓ Muscular disorders
- ✓ Neuroscience
- ✓ Signaling
- ✓ Stem cell research

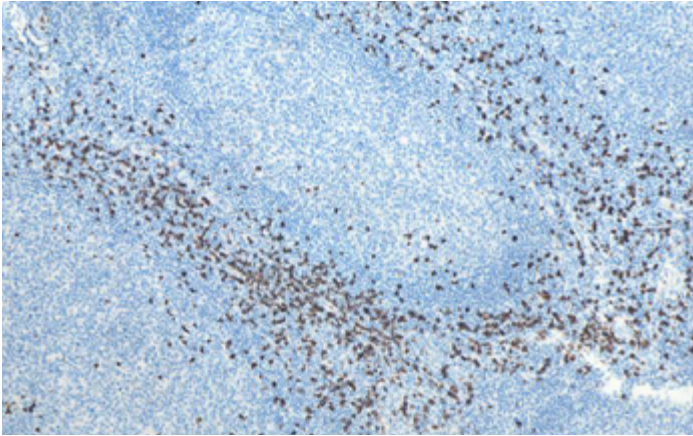
## Antigen Retrieval Buffers

Proteintech offers a variety of pre-formulated antigen retrieval buffers for performing either heat-induced epitope retrieval (HIER) or protease-induced epitope retrieval (PIER) based on target antigen compatibility. We offer:

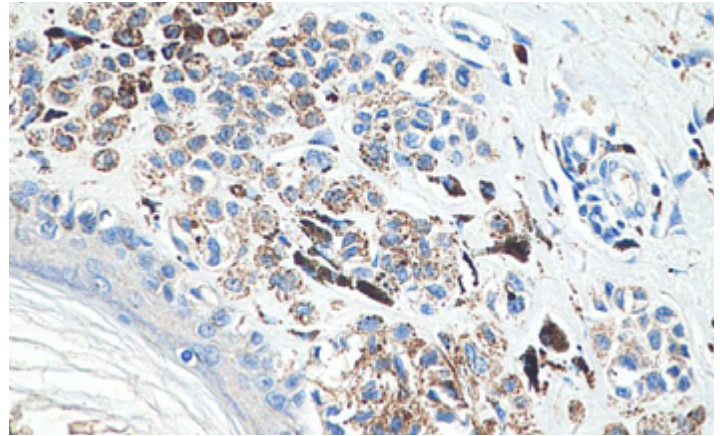
- Tris-EDTA Antigen Retrieval Buffer (**PR30002**)
- Citrate Antigen Retrieval Buffer (**PR30001**)
- Protease K Antigen Retrieval Buffer (**PR30014**)







IHC analysis of human malignant melanoma tissue with Proteintech's ALPP mouse monoclonal antibody (60294-1-Ig). Protease-induced epitope retrieval was performed by incubating at 37°C for 15 minutes in Protease K Antigen Retrieval Buffer (PR30014).



IHC analysis of human tonsillitis tissue with Proteintech's CD8 mouse monoclonal antibody (66868-1-Ig). Heat-induced epitope retrieval was performed using Tris-EDTA Antigen Retrieval Buffer (PR30002).



## Hydrophobic IHC Pens (PR30013)

Proteintech's hydrophobic IHC pens can be used for marking around the tissue sections on slides during IHC, thereby creating a water-repellent barrier around the tissues that prevents reagents from running off the slides. This helps reduce the unnecessary wastage of reagents during IHC.

Scan to view all supporting products for IHC





# Publish faster with Proteintech

Proteintech products have been cited over 150,000 times in journals worldwide and enable scientists to publish reliable and reproducible results.

## Antibodies & Immunoassays

- Primary antibodies against 13,500+ human targets
- CoralLite® conjugated antibodies for immunofluorescence
- Secondary antibodies
- Loading control and isotype control antibodies
- NeutraKine™ neutralizing antibodies
- FlexAble Antibody Labeling Kits
- ELISA kits
- IHCeasy Ready-to-use kits
- Cell separation kits
- Western blot and flow cytometry supporting reagents

## What makes Proteintech antibodies different?

- Developed and validated by Proteintech scientists
- Risk-free trial of antibodies for any species and any application with our Proteintech Guarantee
- Specificity verified by
- Lot-to-lot consistency
- Trial sizes available

**KD/KO Validation**