

IFT172 Antibody

PACO59501

Description

This IFT172 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	PACO59501
Contents:	50µg Bradford Reagent: 1 vial (2ml)
Category:	-
Synonyms:	IF172_HUMAN antibody, ift172 antibody, Intraflagellar transport 172 homolog (Chlamydomonas) antibody, Intraflagellar transport protein 172 homolog antibody, Osm 1 antibody, Selective LIM binding factor homolog antibody, SLB antibody, Wim antibody, Wimble homolog antibody
Clone:	Polyclonal
Applications:	ELISA IHC IF
Conjugation:	Non-conjugated
Reactivity:	Human

Antibody Data

Isotype:	IgG
Uniprot:	Q9UG01
Host Species:	Rabbit
Purification:	>95%, Protein G purified
Immunogen:	Recombinant Human Intraflagellar transport protein 172 homolog protein (1368-1502AA)
Immunogen Species:	Homo sapiens (Human)
Buffer:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Form:	Liquid

Preparation & Storage

Storage: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Store Bradford Reagent at Room Temperature for 1 Year.

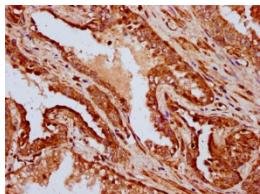
Recommended Dilutions:

Application	Recommended Dilution
IHC	1:200-1:500
IF	1:50-1:200

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

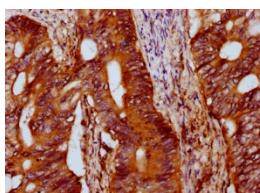
Validation Data

Image

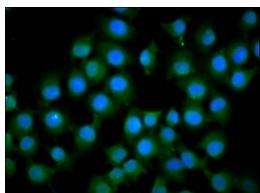


Description

IHC image of PACO59501 diluted at 1:400 and staining in paraffin-embedded human prostate cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC image of PACO59501 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of A549 cells with PACO59501 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).