10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TMEM184B Antibody
Catalog # ASC11103

Specification

TMEM184B Antibody - Product Information

Application	**WB, IHC, IF**
Primary Accession	Q9Y519
Other Accession	NP_036396, 63259329
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**TMEM184B antibody can be used for detection of TMEM184B by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.**

TMEM184B Antibody - Additional Information

Gene ID	**25829**

Target/Specificity
TMEM184B;

Reconstitution & Storage
TMEM184B antibody can be stored at 4℃ for three months and -20℃, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions
TMEM184B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM184B Antibody - Protein Information

Name TMEM184B

Synonyms C22orf5

Function
May activate the MAP kinase signaling pathway.

Cellular Location
Membrane; Multi-pass membrane protein

TMEM184B Antibody - Protocols

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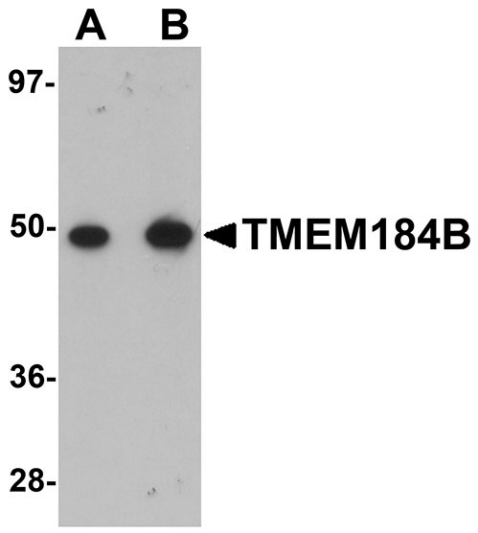
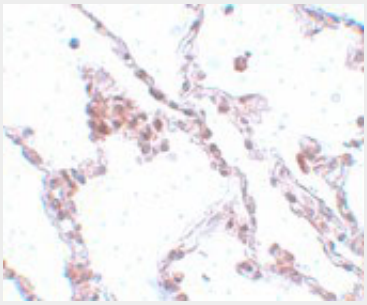
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TMEM184B Antibody - Images



Western blot analysis of TMEM184B in rat lung tissue lysate with TMEM184B antibody at (A) 1 and (B) 2 µg/mL.



Immunohistochemistry of TMEM184B in human lung tissue with TMEM184B antibody at 5 µg/mL.

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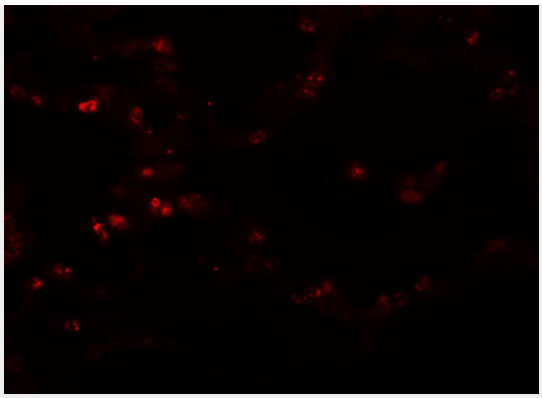

Immunofluorescence of TMEM184B in human lung tissue with TMEM184B antibody at 20 µg/mL.

TMEM184B Antibody - Background

TMEM184B Antibody: TMEM184B, also known as C22orf5, is a 407 amino acid multi-pass membrane protein and represents a novel gene in the activation of the MAPK signaling pathway. The gene encoding TMEM184B maps to human chromosome 22; mutations in several of the genes in chromosome 22 are involved in the development of autism, schizophrenia, Phelan-McDermid syndrome and Neurofibromatosis type 2, suggesting that TMEM184B may play a role in these syndromes.

TMEM184B Antibody - References

Matsuda A, Suzuki Y, Honda G, et al. Large-scale identification and characterization of human genes that activate NF-kappaB and MAPK signaling pathways. Oncogene2003; 22:3307-18.
Dunham I, Shimizu N, Roe BA, et al. The DNA sequence of human chromosome 2. Nature1999; 402:489-495.