

Anti-ADAM17 Antibody (8H374)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 93 kDa. Actual: 100-120 kDa.
Clone:	8H374
Purification:	Protein A purified

Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded Mouse Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ADAM17 Monoclonal Antibody, Unconjugated (TMAB-02284) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
2. Paraformaldehyde-fixed, paraffin embedded Rat Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ADAM17 Monoclonal Antibody, Unconjugated (TMAB-02284) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Mouse Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ADAM17 Monoclonal Antibody, Unconjugated (TMAB-02284) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Rat Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ADAM17 Monoclonal Antibody, Unconjugated (TMAB-02284) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ADAM17 Monoclonal Antibody, Unconjugated (TMAB-02284) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ADAM17 Monoclonal Antibody, Unconjugated (TMAB-02284) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ADAM17 Monoclonal Antibody, Unconjugated (TMAB-02284) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
8. 25 µg total protein per lane of various lysates (see on figure) probed with ADAM17 monoclonal antibody, unconjugated (TMAB-02284) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
9. 4% Paraformaldehyde-fixed Raji (H) cell; Antibody incubation with (ADAM17) monoclonal Antibody, unconjugated (TMAB-02284) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.

A DRUG SCREENING EXPERT

Application: WB,IHC-P,IHC-Fr,ICC/IF,IF,FCM
Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:50-200; IF: 1:100-500; FCM: 1:50-100

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human ADAM 17
Antigen Species: Human
Gene ID: 6868
Uniprot ID: P78536

Research Background

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene functions as a tumor necrosis factor- α converting enzyme; binds mitotic arrest deficient 2 protein; and also plays a prominent role in the activation of the Notch signaling pathway. [provided by RefSeq].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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