



Rabbit anti ADAM10/KUZ Polyclonal Antibody

Alternative Name(s): ADAM metallopeptidase domain 10, kuz; AD10; MADM; CD156c

Order Information

- **Description:** ADAM10/KUZ
- **Catalogue:** 500-9424
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu

ANTIGEN PREPARATION

A synthetic peptide corresponding to the C-terminus of ADAM10 protein from human, mouse and rat origins.

BACKGROUND

ADAM10 is a member of the ADAM (A Disintegrin And Metalloprotease) family of membrane-anchored glycoproteins comprised of several distinct protein modules, including a pro- and metalloprotease domain, disintegrin domain, cysteine-rich region and an EGF repeat. These proteases perform essential functions in cell adhesion and fusion in diverse systems and participate in ectodomain shedding of molecules such as TNF- α and Drosophila signaling molecule Notch.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes ~82 kDa of ADAM10 protein from human, rat and mouse origins. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C . The antibodies can be stored at 2°C - 8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

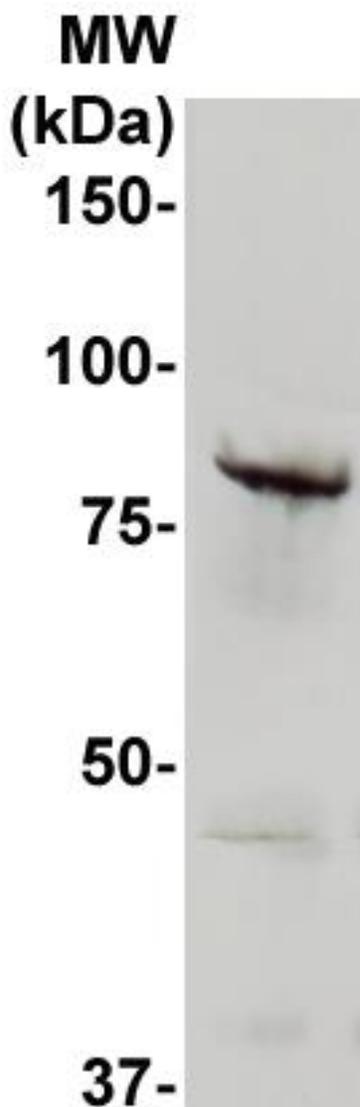
- Western Blot: 0.1-1 $\mu\text{g/ml}$
- ELISA: 0.01-0.1 $\mu\text{g/ml}$
- Immunoprecipitation: 2-5 $\mu\text{g/ml}$
- IHC: 2-10 $\mu\text{g/ml}$
- Flow cytometry: Not tested
- Molecular Weight: 82.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

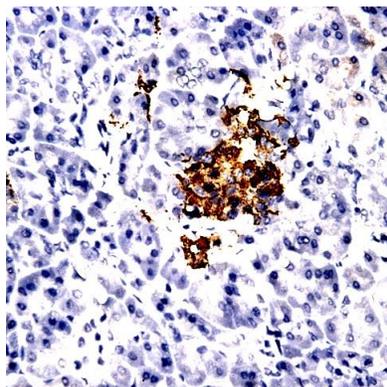
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DATA ATTACHMENTS



Western Blot: The Cell lysate derived from human leukemia cells Reh was immunoprobed by Rabbit anti-ADAM10 (Cat#500-9424) at 1:500. An immunoreactive band is observed around ~82 kDa



Immunohistochemistry: Human lymph node (FFPE) stained with Rabbit anti-ADAM10 (Cat# 500-9424) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

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REFERENCES

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