

ITM2A Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6765a**Specification**

ITM2A Antibody (N-term) - Product Information

Application	FC, WB,E
Primary Accession	O43736
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	22-49

ITM2A Antibody (N-term) - Additional Information**Gene ID** 9452**Other Names**

Integral membrane protein 2A, Protein E25, ITM2A

Target/Specificity

This ITM2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-49 amino acids from the N-terminal region of human ITM2A.

Dilution

FC~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ITM2A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ITM2A Antibody (N-term) - Protein Information**Name** ITM2A**Cellular Location**

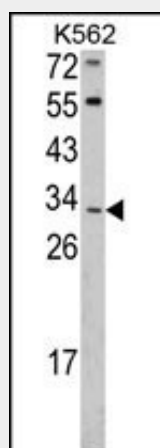
Membrane; Single-pass type II membrane protein

ITM2A Antibody (N-term) - Protocols

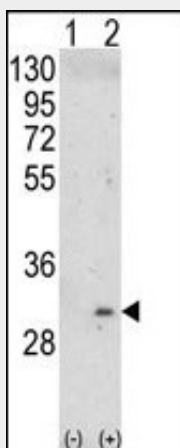
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

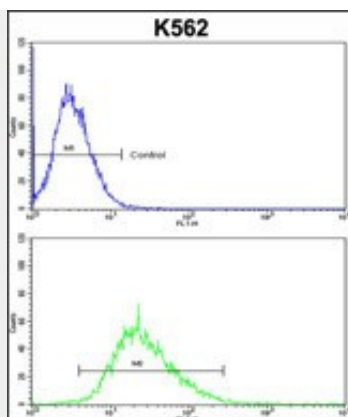
ITM2A Antibody (N-term) - Images



Western blot analysis of ITM2A Antibody (N-term) (Cat. #AP6765a) in K562 cell line lysates (35ug/lane). ITM2A (arrow) was detected using the purified Pab.



Western blot analysis of ITM2A (arrow) using rabbit polyclonal ITM2A Antibody (N-term) (Cat. #AP6765a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ITM2A gene (Lane 2) .



ITM2A Antibody (N-term)(Cat. #AP6765a) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ITM2A Antibody (N-term) - Background

ITM2A is induced during thymocyte selection and T cell activation and causes downregulation of CD8 when overexpressed in CD4(+)CD8(+) double positive thymocytes.

ITM2A Antibody (N-term) - References

Gudbjartsson,D.F., et.al., Nat. Genet. 40 (5), 609-615 (2008)