

ITM1 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant ITM1.****Catalog # AT2572a****Specification**

ITM1 Antibody (monoclonal) (M02) - Product Information

Application	WB, IHC, E
Primary Accession	P46977
Other Accession	NM_152713
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	80530

ITM1 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 3703**Other Names**

Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A, Oligosaccharyl transferase subunit STT3A, STT3-A, B5, Integral membrane protein 1, Transmembrane protein TMC, STT3A, ITM1, TMC

Target/Specificity

ITM1 (NP_689926, 603 a.a. ~ 701 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

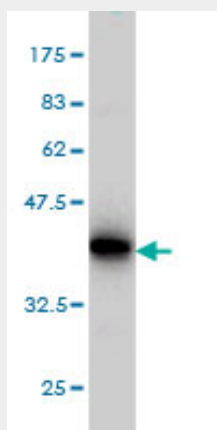
ITM1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

ITM1 Antibody (monoclonal) (M02) - Protocols

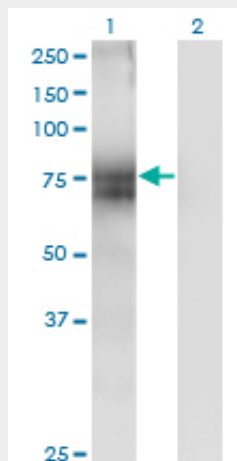
Provided below are standard protocols that you may find useful for product applications.

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

ITM1 Antibody (monoclonal) (M02) - Images

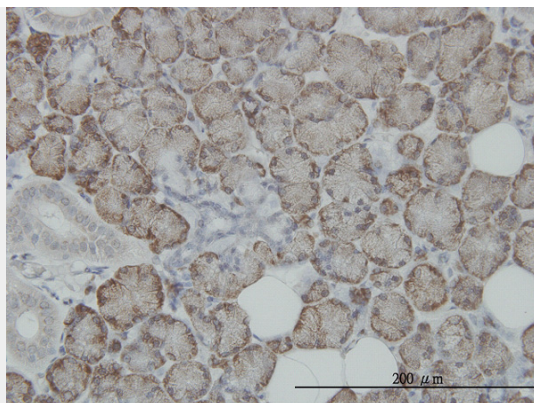


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .

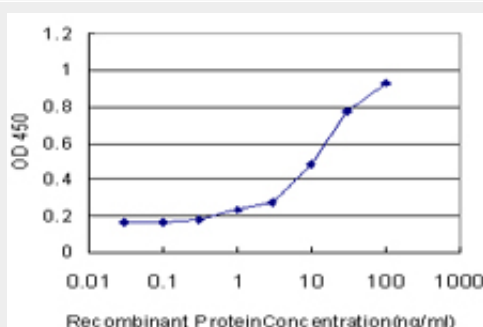


Western Blot analysis of ITM1 expression in transfected 293T cell line by ITM1 monoclonal antibody (M02), clone 4D4.

Lane 1: ITM1 transfected lysate(80.5 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to ITM1 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged ITM1 is approximately 1ng/ml as a capture antibody.

ITM1 Antibody (monoclonal) (M02) - References

1. Keratinocyte-associated protein 2 is a bona fide subunit of the mammalian oligosaccharyltransferase. Roboti P, High S. J Cell Sci. 2012 Jan 1;125(Pt 1):220-32. Epub 2012 Jan 20.