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# ITM1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant ITM1.
Catalog # AT2572a

## Product Information

| | |
|---|---|
| **Application** | WB, IHC, E |
| **Primary Accession** | P46977 |
| **Other Accession** | NM_152713 |
| **Reactivity** | Human |
| **Host** | Mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG1 Kappa |
| **Clone Names** | 4D4 |
| **Calculated MW** | 80530 |

## Additional Information

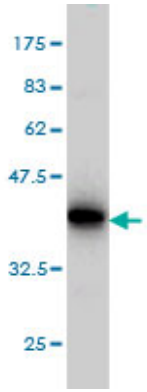
| | |
|---|---|
| **Gene ID** | 3703 |
| **Other Names** | Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A, Oligosaccharyl transferase subunit STT3A, STT3-A, B5, Integral membrane protein 1, Transmembrane protein TMC, STT3A, ITM1, TMC |
| **Target/Specificity** | ITM1 (NP_689926, 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. |

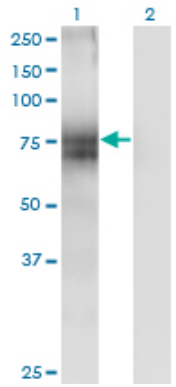
## References

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.

## Images

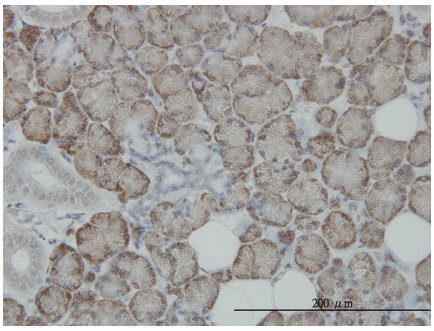
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



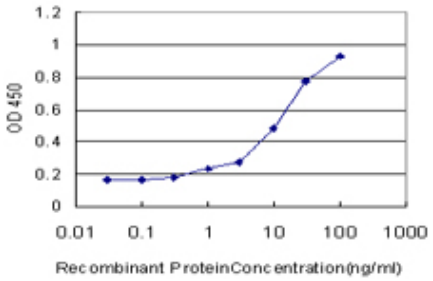




Western Blot analysis of ITM1 expression in transfected 293T cell line by ITM1 monoclonal antibody (M02), clone 4D4.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.