

TOMM20 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TOMM20.

Catalog # AT4301a

Product Information

Application	WB, IHC, IF, E
Primary Accession	Q15388
Other Accession	BC066335
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4F3
Calculated MW	16298

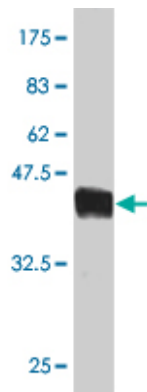
Additional Information

Gene ID	9804
Other Names	Mitochondrial import receptor subunit TOM20 homolog, Mitochondrial 20 kDa outer membrane protein, Outer mitochondrial membrane receptor Tom20, TOMM20, KIAA0016
Target/Specificity	TOMM20 (AAH66335, 1 a.a. ~ 145 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 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	TOMM20 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

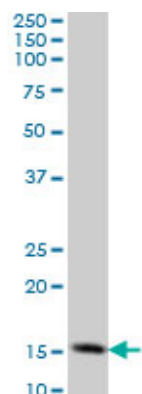
References

1.Short RNA Molecules with High Binding Affinity to the KH Motif of A-Kinase Anchoring Protein 1 (AKAP1): Implications for the Regulation of Steroidogenesis.Grozdhanov PN, Stocco DM.Mol Endocrinol. 2012 Oct 17. [Epub ahead of print]2.Cellular distribution and subcellular localization of spatacsin and spastizin, two proteins involved in hereditary spastic paraplegia.Murmu RP, Martin E, Rastetter A, Esteves T, Muriel MP, El Hachimi KH, Denora PS, Dauphin A, Fernandez JC, Duyckaerts C, Brice A, Darios F, Stevanin G.Mol Cell Neurosci. 2011 Apr 27. [Epub ahead of print]

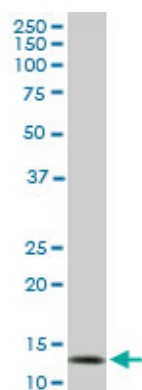
Images



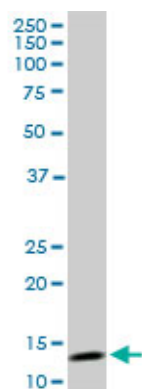
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (41.69 KDa) .



TOMM20 monoclonal antibody (M01), clone 4F3 Western Blot analysis of TOMM20 expression in HeLa ((Cat # AT4301a)



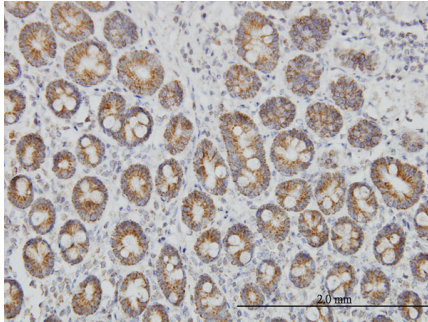
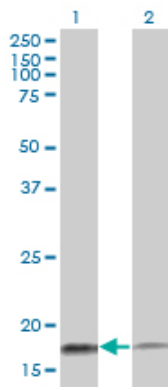
TOMM20 monoclonal antibody (M01), clone 4F3. Western Blot analysis of TOMM20 expression in PC-12 ((Cat # AT4301a)



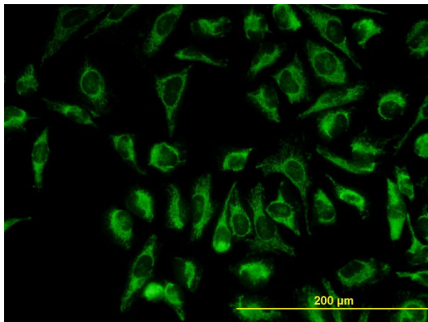
TOMM20 monoclonal antibody (M01), clone 4F3. Western Blot analysis of TOMM20 expression in NIH/3T3 ((Cat # AT4301a)

Western Blot analysis of TOMM20 expression in transfected 293T cell line by TOMM20 monoclonal antibody (M01), clone 4F3.

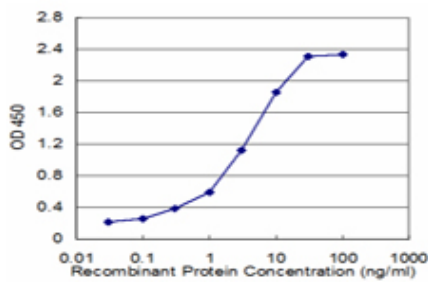
Lane 1: TOMM20 transfected lysate(16.3 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to TOMM20 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to TOMM20 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged TOMM20 is approximately 0.1ng/ml as a capture antibody.

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