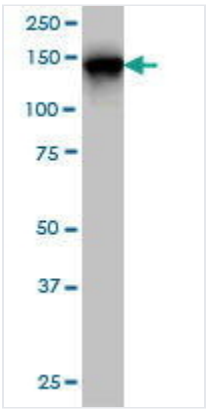
TRAPPC10 Antibody – Mouse Monoclonal

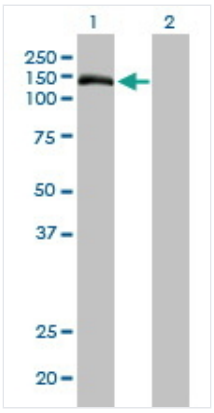
PRODUCT OVERVIEW

Product Name	TRAPPC10, Monoclonal Antibody
Full Product Name	TRAPPC10 (Trafficking Protein Particle Complex Subunit 10, Epilepsy Holoprosencephaly Candidate 1 Protein, EHOC1, EHOC-1, Protein GT334, Trafficking Protein Particle Complex Subunit TMEM1, Transport Protein Particle Subunit TMEM1, TRAPP Subunit TMEM1, TME
Product Gene Name	anti-Trappc10 antibody
Product Synonym Names	Anti -TRAPPC10 (Trafficking Protein Particle Complex Subunit 10, Epilepsy Holoprosencephaly Candidate 1 Protein, EHOC1, EHOC-1, Protein GT334, Trafficking Protein Particle Complex Subunit TMEM1, Transport Protein Particle Subunit TMEM1, TRAPP Subunit TMEM1, TME
Immunogen Sequence	VRLFKYLPHH SAHSSQLDAD SWIENDSLSV DKHGDDQPDS SSLKSRGSVH SACSSEHKGL PMPRLQALPA GQVFNSSSGT QVLVIPSQDD HVLEVS
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	5B4
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human TMEM1.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	141,589 Da
Chromosome Location	Chromosome: 10; NC_000076.6 (78186725..78244642, complement). Location: 10 C1; 10 39.72 cM
3D Structure	ModBase 3D Structure for Q3TLI0
Immunogen	Partial recombinant corresponding to aa1162-1258 from human TMEM1 (NP_003265) with GST tag. MW of the GST tag alone is 26kD.
Product Categories/Family for anti-Trappc10 antibody	Antibodies; Abs to Membrane Proteins
Applications Tested/Suitable for anti-Trappc10 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-Trappc10 antibody	Suitable for use in ELISA and Western Blot.
Related Product Information for anti-Trappc10 antibody	MBS6006331 is an antibody targeting Trappc10. Also known as TRAPPC10 (Trafficking Protein Particle Complex Subunit 10, Epilepsy Holoprosencephaly Candidate 1 Protein, EHOC1, EHOC-1, Protein GT334, Trafficking Protein Particle Complex Subunit TMEM1, Transport Protein Particle Subunit TMEM1, TRAPP Subunit TMEM1, TME. Reactive in Human. Host: Mouse.

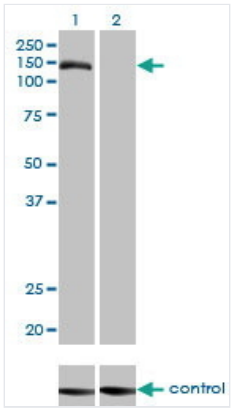
Other Notes	Small volumes of anti-Trappc10 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-Trappc10 antibody
TMEM1 monoclonal antibody, Western Blot analysis of TMEM1 expression in Hela NE.



Western Blot (WB) of anti-Trappc10 antibody
Western Blot analysis of TMEM1 expression in transfected 293T cell line by TMEM1 monoclonal antibody.|Lane 1: TMEM1 transfected lysate (142.2kD).|Lane 2: Non-transfected lysate.



Western Blot (WB) of anti-Trappc10 antibody
Western blot analysis of TMEM1 over-expressed 293 cell line, cotransfected with TMEM1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with TMEM1 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Trappc10. It may not necessarily be applicable to this product.

NCBI GI #	124486684
NCBI GeneID	216131
NCBI Accession #	NP_001074524.1
UniProt Primary Accession #	Q3TLI0
UniProt Secondary Accession #	Q811H4
UniProt Related Accession #	Q3TLI0
GenBank Nucleotide #	NM_001081055.1
NCBI Official Full Name	trafficking protein particle complex subunit 10
NCBI Official Synonym Full Names	trafficking protein particle complex 10
NCBI Official Symbol	Trappc10
NCBI Official Synonym Symbols	Gm870; Tmem1; B230307C21Rik

UniProt Protein Name	Trafficking protein particle complex subunit 10
UniProt Synonym Protein Names	Trafficking protein particle complex subunit TMEM1; Transport protein particle subunit TMEM1
Protein Family	Trafficking protein particle complex
UniProt Gene Name	Trappc10
UniProt Synonym Gene Names	Tmem1; TRAPP subunit TMEM1
UniProt Entry Name	TPC10_MOUSE
NCBI Protein Information	trafficking protein particle complex subunit 10; TRAPP subunit TMEM1; transmembrane protein 1; transport protein particle subunit TMEM1; trafficking protein particle complex subunit TMEM1
UniProt Comments for Trappc10	EHOC-1: a transport protein that may play role in vesicular transport from endoplasmic reticulum to Golgi. Part of the multisubunit TRAPP (transport protein particle) complex. Localizes in cis-Golgi complexes. Cellular Component: Golgi apparatus Biological Process: vesicle-mediated transport; intra-Golgi vesicle-mediated transport; transport
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