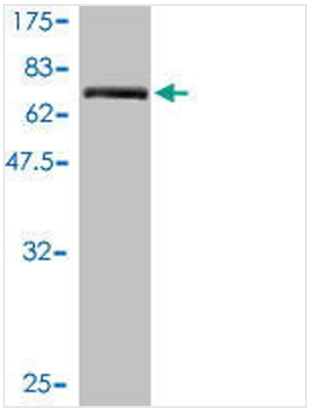
ANO10 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	ANO10, Monoclonal Antibody
Full Product Name	ANO10 (Anoctamin-10, Transmembrane Protein 16K, TMEM16K, FLJ10375, Anoctamin 10, MGC47890) (PE)
Product Gene Name	anti-ANO10 antibody
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2B12-1A11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FLJ10375.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length recombinant corresponding to aa1-393 from human FLJ10375 (AAH38855) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MLLGAEAVGLVKECNDNTMRAFTYRTRQNFKGFDDNNDDFLTMAECQFIIKHELENLRAKDEKMIPGYPQAKLYPGKSLLRRLLTSGIVIQVFPLHDSEALI
Conjugate	PE
Product Categories/Family for anti-ANO10 antibody	Antibodies; Transmembrane Proteins
Applications Tested/Suitable for anti-ANO10 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-ANO10 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ANO10 antibody	Does not exhibit calcium-activated chloride channel (CaCC) activity. Can inhibit the activity of ANO1.
Other Notes	Small volumes of anti-ANO10 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for ANO10 purchase	MBS6157828 is an antibody targeting ANO10. Also known as ANO10 (Anoctamin-10, Transmembrane Protein 16K, TMEM16K, FLJ10375, Anoctamin



Western Blot (WB) of anti-ANO10 antibody
Western Blot detection against Immunogen (69.23kD).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANO10. It may not necessarily be applicable to this product.

NCBI GI #	24416513
NCBI GeneID	55129
NCBI Accession #	BC038855
NCBI Related Accession #	AAH38855
UniProt Related Accession #	Q9NW15
NCBI Official Full Name	Homo sapiens anoctamin 10, mRNA
NCBI Official Synonym Full Names	anoctamin 10
NCBI Official Symbol	ANO10
NCBI Official Synonym Symbols	SCAR10; TMEM16K
Protein Family	Anoctamin
NCBI Protein Information	anoctamin-10
NCBI Summary for ANO10	The transmembrane protein encoded by this gene belongs to the anoctamin family of calcium-activated chloride channels, also known as the transmembrane 16 family. The encoded protein contains eight transmembrane domains with cytosolic N- and C-termini. Defects in this gene may cause autosomal recessive spinocerebellar ataxia-10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]
Research Articles on ANO10	**1.** Data show that transmembrane protein 16K (TMEM16K) is an endoplasmic reticulum (ER)-resident lipid scramblase with a requirement for short chain lipids and calcium for robust activity.
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