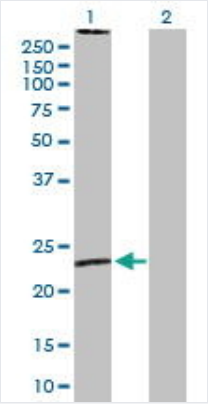
MS4A2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MS4A2, Polyclonal Antibody
Full Product Name	MS4A2 (High Affinity Immunoglobulin epsilon Receptor Subunit beta, FcERI, Fc epsilon Receptor I beta-chain, IgE Fc Receptor Subunit beta, Membra
Product Gene Name	anti-MS4A2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MS4A2.
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 removing the cap.
Molecular Weight	26,534 Da
OMIM	147138
3D Structure	ModBase 3D Structure for Q01362
Immunogen	Full length human MS4A2, aa1-244 (NP_000130.1).
Immunogen Sequence	MDTESNRRANLALPQEPSSVPAFEVLEISPQEVSSGRLLKSASSPPLHTWLTVLKKEQEFLGVTQILTAMICLCFGTVVCSVLDISHIEGDIFSSFKAGYPFW
Conjugate	APC
Note	Preservative Free
Product Categories/Family for anti-MS4A2 antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-MS4A2 antibody	Western Blot (WB)
Application Notes for anti-MS4A2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MS4A2 antibody	High affinity receptor that binds to the Fc region of immunoglobulins epsilon. Aggregation of FCER1 by multivalent antigens is required for the full mast lymphokines. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators responsible for the manifestations of allergy
Other Notes	Small volumes of anti-MS4A2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

Searchable Terms for MS4A2 purchase	MBS6385952 is an antibody targeting MS4A2. Also known as MS4A2 (High Affinity Immunoglobulin epsilon Receptor Subunit beta, FcERI, Fc epsilon



Western Blot (WB) of anti-MS4A2 antibody
Western Blot analysis of MS4A2 expression in transfected 293T cell line by MS4A2 polyclonal antibody. Lane 1: MS4A2 transfected lysate (26.5kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MS4A2. It may not necessarily be applicable to this product.

NCBI GI #	4503677
NCBI GeneID	2206
NCBI Accession #	NP_000130.1
UniProt Primary Accession #	Q01362
UniProt Secondary Accession #	Q54A81
UniProt Related Accession #	Q01362
GenBank Nucleotide #	NM_000139
NCBI Official Full Name	high affinity immunoglobulin epsilon receptor subunit beta isoform 1
NCBI Official Synonym Full Names	membrane-spanning 4-domains, subfamily A, member 2
NCBI Official Symbol	MS4A2
NCBI Official Synonym Symbols	APY; IGEL; IGER; ATOPY; FCERI; IGHER; MS4A1; FCER1B
UniProt Protein Name	High affinity immunoglobulin epsilon receptor subunit beta
UniProt Synonym Protein Names	Fc epsilon receptor I beta-chain; IgE Fc receptor subunit beta; Membrane-spanning 4-domains subfamily A member 2
Protein Family	High affinity immunoglobulin epsilon receptor
UniProt Gene Name	MS4A2
UniProt Synonym Gene Names	APY; FCER1B; IGER; FcERI
UniProt Entry Name	FCERB_HUMAN
NCBI Protein Information	high affinity immunoglobulin epsilon receptor subunit beta; igE Fc receptor subunit beta; high affinity IgE receptor beta subunit; immunoglobulin E receptor, high affinity, beta polypeptide; Fc fragment of IgE, high affinity I, receptor for; beta polypept

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