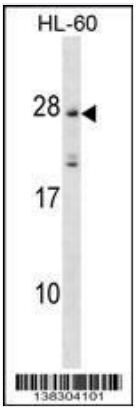
MS4A5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MS4A5, Polyclonal Antibody
Full Product Name	MS4A5, NT (MS4A5, CD20L2, TETM4, Membrane-spanning 4-domains subfamily A member 5, CD20 antigen-like 2, Testis-expressed transmembrane protein 4) (PE)
Product Gene Name	anti-MS4A5 antibody
Product Synonym Names	MS4A5; CD20L2; TETM4; Membrane-spanning 4-domains subfamily A member 5; CD20 antigen-like 2; Testis-expressed transmembrane protein 4
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 R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	22,283 Da
OMIM	606499
3D Structure	ModBase 3D Structure for Q9H3V2
Immunogen	MS4A5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-48 amino acids from the N-terminal region of human MS4A5.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-MS4A5 antibody	Antibodies; Transmembrane Proteins
Applications Tested/Suitable for anti-MS4A5 antibody	Western Blot (WB), FLISA
Application Notes for anti-MS4A5 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MS4A5 antibody	This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. Though this member is not expressed in hematopoietic cells specifically, it may be involved in signal transduction like many of its related family members. The gene encoding this protein is localized to 11q12, among a cluster of family members.
Product References and Citations for anti-MS4A5 antibody	Davila, S., et al. Genes Immun. 11(3):232-238(2010). Liang, Y., et al. Immunogenetics 53(5):357-368(2001). Liang, Y., et al. Genomics 72(2):119-127(2001). Ishibashi, K., et al. Gene 264(1):87-93(2001). Hulett, M.D., et al. Biochem. Biophys. Res. Commun. 280(1):374-379(2001).

Other Notes	Small volumes of anti-MS4A5 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.
Searchable Terms for MS4A5 purchase	MBS6322427 is an antibody targeting MS4A5. Also known as MS4A5, NT (MS4A5, CD20L2, TETM4, Membrane-spanning 4-domains subfamily A member 5, CD20 antigen-like 2, Testis-expressed transmembrane protein 4) (PE). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-MS4A5 antibody
MS4A5 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the MS4A5 antibody detected the MS4A5 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MS4A5. It may not necessarily be applicable to this product.

NCBI GI #	23110997
NCBI GeneID	64232
NCBI Accession #	NP_076434.2
UniProt Primary Accession #	Q9H3V2
UniProt Secondary Accession #	Q9BZH1
UniProt Related Accession #	Q9H3V2
GenBank Nucleotide #	NM_023945.2
NCBI Official Full Name	membrane-spanning 4-domains subfamily A member 5
NCBI Official Synonym Full Names	membrane-spanning 4-domains, subfamily A, member 5
NCBI Official Symbol	MS4A5
NCBI Official Synonym Symbols	TETM4; CD20L2; CD20-L2
UniProt Protein Name	Membrane-spanning 4-domains subfamily A member 5
UniProt Synonym Protein Names	CD20 antigen-like 2; Testis-expressed transmembrane protein 4
Protein Family	Membrane-spanning 4-domains subfamily
UniProt Gene Name	MS4A5
UniProt Synonym Gene Names	CD20L2; TETM4
UniProt Entry Name	MS4A5_HUMAN
NCBI Protein Information	membrane-spanning 4-domains subfamily A member 5; CD20 antigen-like 2; testis-expressed transmembrane protein 4; testis-expressed transmembrane-4 protein

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