# antibodies - online.com







## anti-MS4A2 antibody (AA 1-100)





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Quantity:	100 μL
Target:	MS4A2
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MS4A2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MS4A2 (NP_000130.1).
Sequence:	MDTESNRRAN LALPQEPSSV PAFEVLEISP QEVSSGRLLK SASSPPLHTW LTVLKKEQEF LGVTQILTAM ICLCFGTVVC SVLDISHIEG DIFSSFKAGY
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Target Details	
Target:	MS4A2

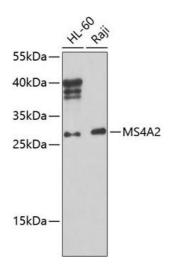
## Target Details

Alternative Name:	MS4A2 (MS4A2 Products)
Alternative Name:  Background:	The allergic response involves the binding of allergen to receptor-bound IgE followed by cell activation and the release of mediators responsible for the manifestations of allergy. The IgE-receptor, a tetramer composed of an alpha, beta, and 2 disulfide-linked gamma chains, is found on the surface of mast cells and basophils. This gene encodes the beta subunit of the high affinity IgE receptor which is 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. This family member is localized to 11q12, among a cluster of membrane-spanning 4A gene family members. Alternative splicing results in multiple transcript variants encoding distinct proteins. Additional transcript variants have been described but require experimental validation.,MS4A2,APY,ATOPY,FCER1B,FCERI,IGEL,IGER,IGHER,MS4A1,Immunology &
	Inflammation,MS4A2
Molecular Weight:	26 kDa
Gene ID:	2206
UniProt:	Q01362
Pathways:	Fc-epsilon Receptor Signaling Pathway, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Storage Comment:

Store at -20°C. Avoid freeze / thaw cycles.

### **Images**



#### **Western Blotting**

Image 1. Western blot analysis of extracts of various cell lines, using MS4 Antibody (ABIN6134756, ABIN6144054, ABIN6144055 and ABIN6224638) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.