# MS4A2 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **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 MaxLight550. |
| **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 to 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** | MaxLight550 |
| **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 |

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| **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** | MBS6385958 is an antibody targeting MS4A2. Also known as MS4A2 (High Affinity Immunoglobulin epsilon Receptor Subunit beta, FcERI, Fc epsilon |

## ADDITIONAL DETAILS

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

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| **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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