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Datasheet for ABIN7155187

anti-MS4A2 antibody (AA 1-59) (HRP)

Overview

Quantity:	100 µg
Target:	MS4A2
Binding Specificity:	AA 1-59
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MS4A2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human High affinity immunoglobulin epsilon receptor subunit beta protein (1-59AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MS4A2
Alternative Name:	MS4A2 (MS4A2 Products)
Background:	Background: High affinity receptor that binds to the Fc region of immunoglobulins epsilon.

Target Details

Aggregation of FCER1 by multivalent antigens is required for the full mast cell response, including the release of preformed mediators (such as histamine) by degranulation and de novo production of lipid mediators and cytokines. Also mediates the secretion of important lymphokines. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators responsible for the manifestations of allergy.

Aliases: APY antibody, ATOPY antibody, Fc epsilon receptor I beta-chain antibody, Fc IgE receptor beta chain antibody, FCER1B antibody, FCERB_HUMAN antibody, FcERI antibody, High affinity immunoglobulin epsilon receptor subunit beta antibody, IgE Fc receptor subunit beta antibody, IGEL antibody, IGHHER antibody, Membrane-spanning 4-domains subfamily A member 2 antibody, MS4A1 antibody, Ms4a2 antibody

UniProt: [Q01362](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.