

Rabbit anti-Human MS4A2 Polyclonal Antibody | anti-MS4A2 antibody

MS4A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234965	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

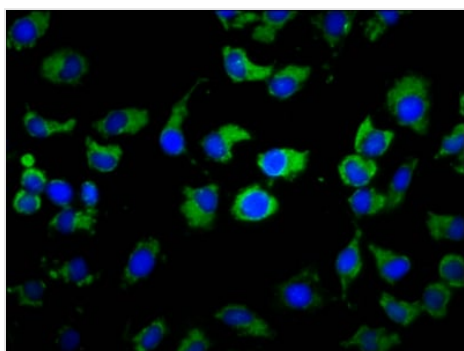
PRODUCT SYNONYMS

MS4A2; Polyclonal Antibody; MS4A2 Antibody; High affinity immunoglobulin epsilon receptor subunit beta; FcERI; Fc epsilon receptor I beta-chain; IgE Fc receptor subunit beta; Membrane-spanning 4-domains subfamily A member 2; APY; FCER1B; IGER; anti-MS4A2 antibody

PRODUCT SPECIFICATIONS

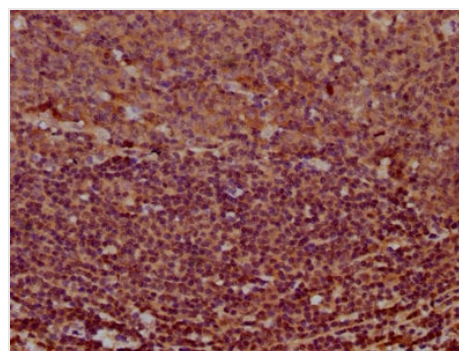
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	244
Applicable Applications for anti-MS4A2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human High affinity immunoglobulin epsilon receptor subunit beta protein (1-59AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



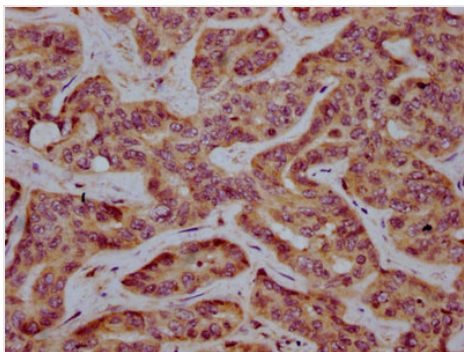
IHC (Immunohistochemistry)

Immunofluorescence staining of A549 cells with AAA234965 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234965 diluted at 1:400 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234965 diluted at 1:400 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503677
NCBI GeneID	2206
NCBI Accession #	NP_000130.1
NCBI GenBank Nucleotide #	NM_000139.4
UniProt Accession #	Q01362; Q54A81
Molecular Weight	26,534 Da
NCBI Official Full Name	high affinity immunoglobulin epsilon receptor subunit beta isoform 1
NCBI Official Synonym Full Names	membrane spanning 4-domains A2
NCBI Official Symbol	MS4A2
NCBI Official Synonym Symbols	APY; IGEL; IGER; ATOPY; FCERI; IGHF; MS4A1; FCER1B
NCBI Protein Information	high affinity immunoglobulin epsilon receptor subunit beta
UniProt Protein Name	High affinity immunoglobulin epsilon receptor subunit beta
UniProt Gene Name	MS4A2
UniProt Synonym Gene Names	APY; FCER1B; IGER; FcERI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/ms4a2-antibody-immunofluorescence-immunohistochemistry-elisa/234965>