

## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05201 - Goat Anti-MS4A2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MS4A2, membrane-spanning 4-domains, subfamily A, member 2 (Fc fragment of IgE, high affinity I, receptor for beta polypeptide), FCER1B, Fc IgE receptor, beta chain, immunoglobulin E receptor, high affinity, beta polypeptide, Fc fragment of IgE, high affinity I, receptor for beta polypeptide, APY, ATOPY, FCERI, IGEL, IGER, IGHF, MS4A1, Fc epsilon receptor I beta-chain, Fc-epsilon receptor I beta-chain, High affinity immunoglobulin epsilon receptor beta-subunit (FcERI) (IgE Fc receptor, beta-subunit) (Fc epsilon receptor I beta-chain), IgE responsiveness (atopic), membrane-spanning 4-domains, subfamily A, member 2

**Official Symbol:** MS4A2

**Accession Number(s):** NP\_000130.1

**Human GeneID(s):** [2206](#)

### Immunogen

Peptide with sequence C-ELEDPGEMSPPIDL, from the C Terminus of the protein sequence according to NP\_000130.1.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Western blot: No signal obtained yet but low background observed in Mouse and Human Kidney extracts and U937 cell lysates at upto 2µg/ml.

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human