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Research Use Only. Not for diagnostic or therapeutic use.

EB05140 - Goat Anti-CD20 / MS4A1 (C Terminus) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MS4A1, membrane-spanning 4-domains, subfamily A, member 1, B1, S7, BP35, CD20, LEU-16, MGC3969, CD20 antigen, CD20 receptor, B-lymphocyte cell-surface antigen B1, CVID5, leukocyte surface antigen Leu-16, MS4A2

Official Symbol: MS4A1

Accession Number(s): NP_068769.2; NP_690605.1

Human GeneID(s): 931

Important Comments: Please note that both reported variants (NP_068769.2 and

NP_690605.1) encode the same protein.

Immunogen

Peptide with sequence CQDQESSPIENDSSP, from the C Terminus of the protein sequence according to NP_068769.2; NP_690605.1.

Please note the peptide is available for sale.

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: Approx 35kDa band observed in Human Lymph lysates (calculated MW of 33.1kDa according to NP_068769.2). Recommended concentration: 0.003-0.01µg/ml.

Primary incubation was 1 hour.

IHC: Paraffin embedded Human Spleen. Recommended concentration: 6-7µg/ml.

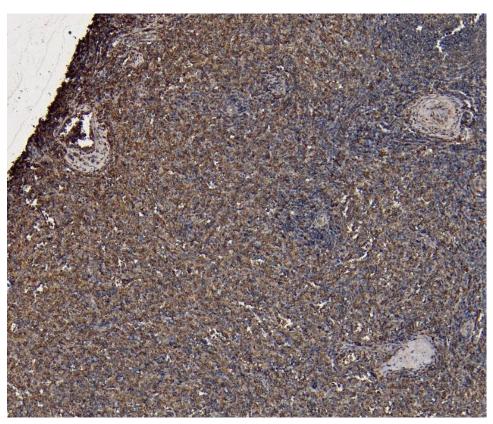
Species Reactivity

Tested: Human

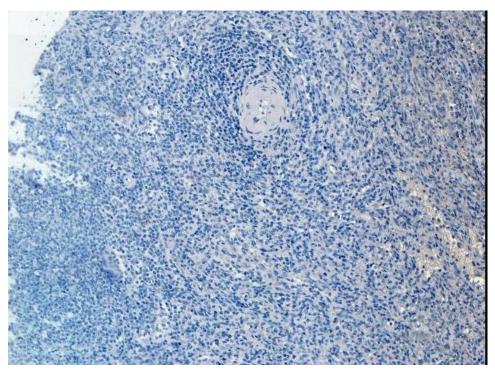
Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB05140 (0.003μg/ml) staining of Human Lymph Node lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB05140 (7µg/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB05140 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.