



## UK Office

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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.

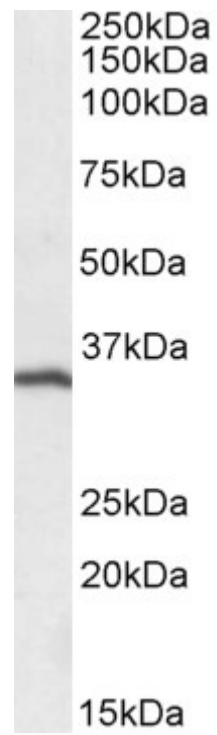
**Western blot:** Approx 35kDa band observed in Human Lymph lysates (calculated MW of 33.1kDa according to NP\_068769.2). Recommended concentration: 0.003-0.01µg/ml. Primary incubation was 1 hour.

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

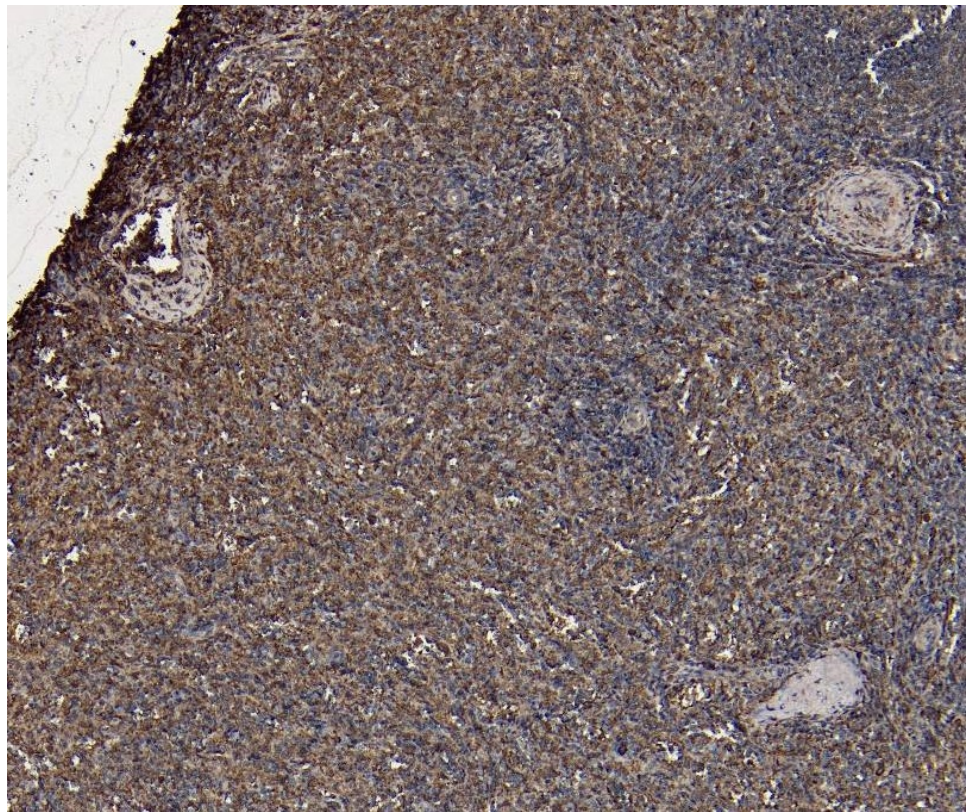
### Species Reactivity

**Tested:** Human

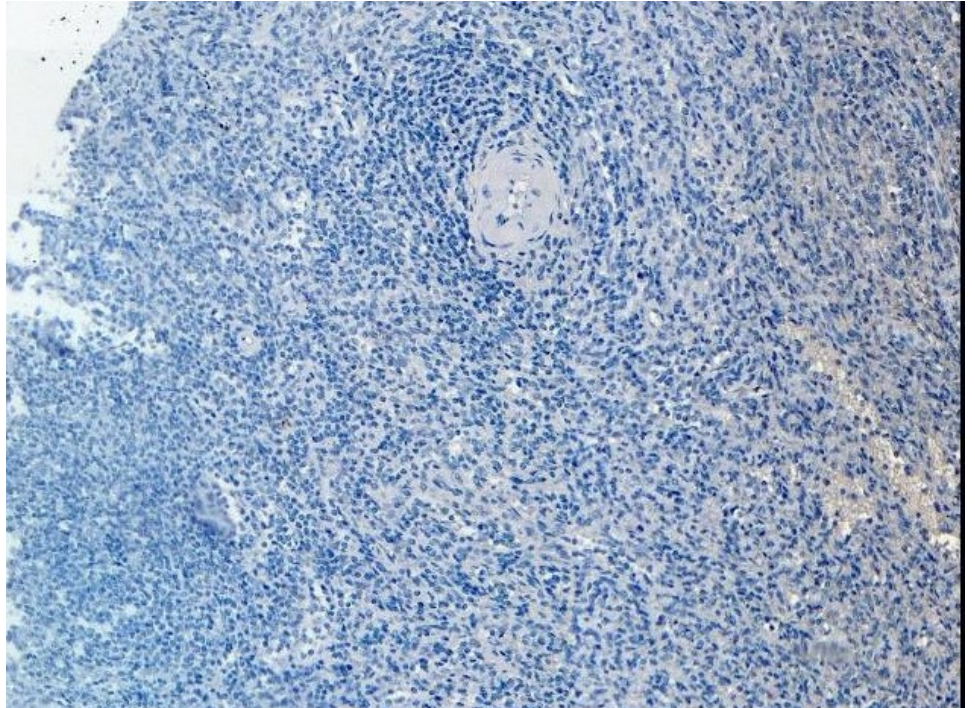
**Expected from sequence similarity:** Human



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



EB05140 (7 $\mu$ g/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.