



## UK Office

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

## EB05140-B - Goat Anti-CD20 / MS4A1 (C Terminus), biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MS4A1, membrane-spanning 4-domains, subfamily A, member 1, B1, Bp35, CD20, CVID5, LEU-16, MS4A2, S7, B-lymphocyte cell-surface antigen B1, CD20 antigen, CD20 receptor, leukocyte surface antigen Leu-16, MGC3969

**Official Symbol:** MS4A1

**Accession Number(s):** NP\_068769.2

**Human GeneID(s):** [931](#)

**Important Comments:** Reported variants represent identical protein: NP\_068769.2, NP\_690605.1

### Immunogen

Peptide with sequence CQDQESSPIENDSSP., from the C Terminus of the protein sequence according to NP\_068769.2.

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

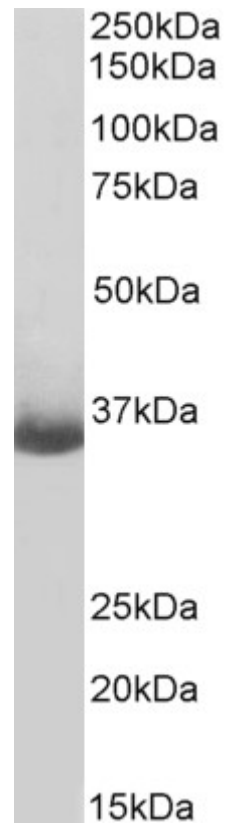
**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Western blot:** Approx 35kDa band observed in lysates of cell line Daudi (calculated MW of 33.1kDa according to NP\_068769.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



Biotinylated EB05140 (0.3 $\mu$ g/ml) staining of Daudi lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.