

## Anti-CD20/MS4A1 antibody (C-Term) (STJ70052)

STJ70052

### GENERAL INFORMATION

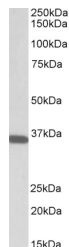
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-CD20/MS4A1 (C-Term) is suitable for use in ELISA, Western Blot and Immunohistochemistry research applications.
<b>Applications</b>	Pep-ELISA/WB/IHC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

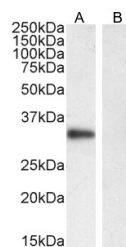
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:4000. WB: 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
<b>Formulation</b>	0.5 mg/mL in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

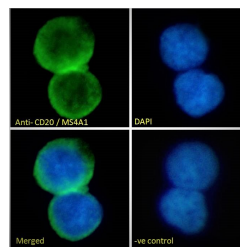
<b>Gene ID</b>	931
<b>Gene Symbol</b>	MS4A1
<b>Uniprot ID</b>	CD20_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	C-Term
<b>Specificity</b>	Please note that both reported variants (NP_068769.2 and NP_690605.1) encode the same protein.
<b>Immunogen Sequence</b>	CQDQEESPIENDSSP



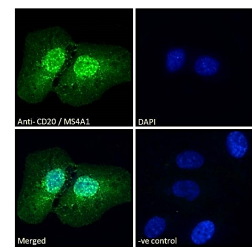
STJ70052 (0.05µg/ml) staining of Human Lymph Node lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70052 (0.01µg/ml) staining of Daudi (A) and negative control HepG2 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70052 Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells, immobilized on Shi-fixac coverslip. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml) showing membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ70052 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml) showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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