

Anti-CR2 antibody (300-590) (STJ110705)

STJ110705

GENERAL INFORMATION

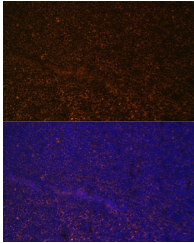
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

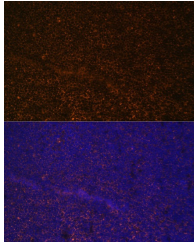
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IHC-P:1:50-1:100 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

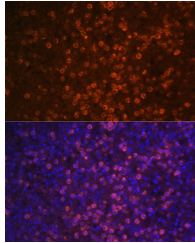
Gene ID	1380
Gene Symbol	CR2
Uniprot ID	CR2_HUMAN
Immunogen	
Region	300-590
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 300-590 of human CR2/CD21 (NP_001006659.1).
Immunogen Sequence	IVTYTCDPDPEEGVNFILIG ESTLRCTVDSQKTGTWSGPA PRCELSTSAVQC PHPQLRG RMVSGQKDRYTYNDTVIFAC MFGFTLKGSQKQIRCAQGTW EPSAPVCEKECQAPPNILING QKEDRHMVRFDPGTSIKYSC NPGYVLVGEESIQTSEGVW TPPVPQCKVAACEATGRQLL TKPQHQFVRPDVNSSCGEGY KLSGSVYQECQGTIPWFMEI RLCKEITCPPPPVIYNGAH



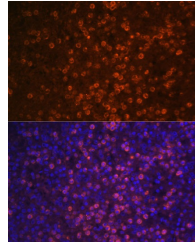
Western blot analysis of extracts of various cell lines, using CR2/CD21 antibody (STJ110705) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Immunofluorescence analysis of mouse spleen using CR2/CD21 Polyclonal Antibody (STJ110705) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat spleen using CR2/CD21 antibody (STJ110705) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of human spleen using CR2/CD21 Polyclonal Antibody (STJ110705) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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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