

Anti-C4B.C4B_2 antibody (1337-1446) (STJ11105313)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

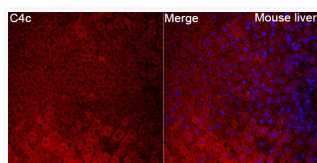
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 192kDa Observed Mw: 85kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

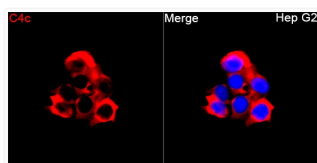
Gene ID	100293534/721
Gene Symbol	C4B.C4B_2
UniProt ID	C04B_HUMAN
Immunogen Region	1337-1446
Immunogen Sequence	NGFKSHALQLNNRQIRGLEE ELQFSLGSKINVKVGGNSKG TLKVLRTYNVLDMKNTTCQD LQIEVTVKGHVEYTMENED YEDYEYDELPADDPDAPLQ PVTPLQLFEG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1337-1446 of human C4c (NP_001002029.3).

ADDITIONAL INFORMATION

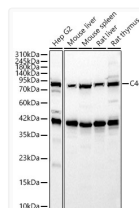
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Immunofluorescence analysis of Mouse liver tissue using C4c Rabbit polyclonal antibody (STJ11105313) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



Immunofluorescence analysis of Hep G2 cells using C4c Rabbit polyclonal antibody (STJ11105313) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using C4c Rabbit polyclonal antibody (STJ11105313) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.