

Anti-CD68 antibody (22-319) (STJ115250)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

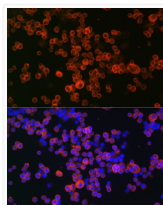
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 37kDa Observed Mw: 70-80kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

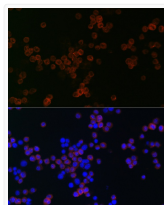
Gene ID	968
Gene Symbol	CD68
UniProt ID	CD68_HUMAN
Immunogen Region	22-319
Immunogen Sequence	NDCPHKKSATLLPSFTVTPT VTESTGTTSHRTTKSHKTTT HRTTTTGTTSHGPTTATHNP TTTSHGNVTVHPTSNSTATS QGPSTATHSPATTSHGNATV HPTSNSTATSPGFTSSAHPE PPPPSPSPSPSKETIGDYT WTNGSQPCVHLQAQIRVM YTTQGGGEAWGISVLNPNKT KVQGSCEGAHPHLLLSFPYG HLSFGFMQDLQKKVYLSYM AVEYNVSFPHAAQWTFSAQ
Specificity	A synthetic peptide corresponding to a sequence within amino acids 22-319 of human CD68 (NP_001242.2).

ADDITIONAL INFORMATION

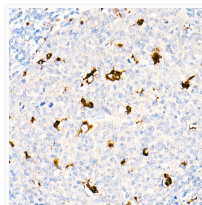
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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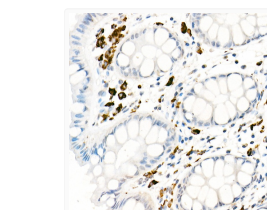
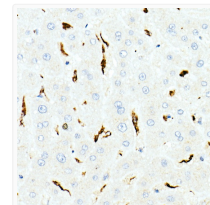
Immunofluorescence analysis of RAW264.7 cells using CD68 Rabbit polyclonal antibody (STJ115250) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



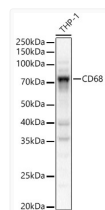
Immunohistochemistry analysis of paraffin-embedded human tonsil using CD68 Rabbit polyclonal antibody (STJ115250) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human liver using CD68 Rabbit polyclonal antibody (STJ115250) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon using CD68 Rabbit polyclonal antibody (STJ115250) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of THP-1, using CD68 antibody (STJ115250) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.