

Anti-CD14 antibody (20-375) (STJ28304)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

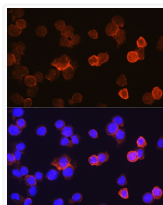
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 40kDa Observed Mw: 60kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

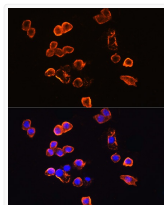
Gene ID	929
Gene Symbol	CD14
UniProt ID	CD14_HUMAN
Immunogen Region	20-375
Immunogen Sequence	TTPEPCELDDDFRCVCNFS EPQPDWSEAFQCVSAVEVEI HAGGLNLEPFLKRVDADADP RQYADTVKALRVRRLLTVGAA QVPAQLLVGALRVLAYSRLLK ELTLEDLKITGTMPPLEA TGLALSSRLRLNVSWATGRS WLAEQQWLKPGKVLISIAQ AHSPAFSCEQVRAFPALTS DLSDNPGLGERGLMAALCPH KFPALQNLALRNTGMETPTG VCAALAAAGVQPHSLDLSH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 20-330 of human CD14 (NP_000582.1).

ADDITIONAL INFORMATION

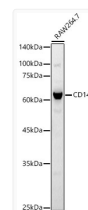
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of THP-1 cells using CD14 antibody (STJ28304) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of RAW264.7 cells using CD14 antibody (STJ28304) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of RAW264.7 cells, using CD14 antibody (STJ28304) at 1:600 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.