

Anti-CD14 antibody (250-350) [S9MR] (STJ11101549)
STJ11101549

GENERAL INFORMATION

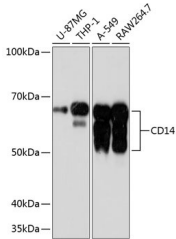
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/FC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

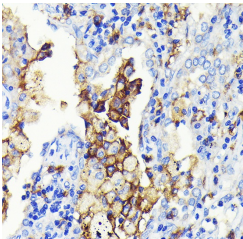
Clonality	Monoclonal
Clone ID	S9MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IHC-P:1:200-1:800 IF/ICC:1:100-1:400 FC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 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

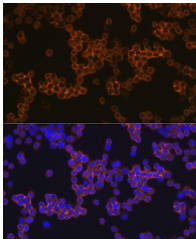
Gene ID	929
Gene Symbol	CD14
Uniprot ID	CD14_HUMAN
Immunogen	
Immunogen Region	250-350
Specificity	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human CD14 (P08571).
Immunogen Sequence	QPHSLDLSHNSLRATVNPSPRCMWSSALNSLNSFAGLE QVPKGLPAKLRVLDLSCNRL NRAPQPDDELPEVDNLTLDGN PFLVPGTALPHEGSMNSGVV P



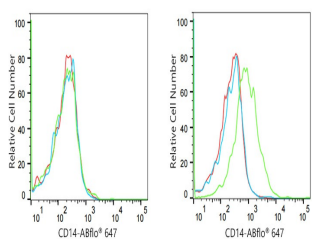
Western blot analysis of extracts of various cell lines, using CD14 antibody (STJ11101549) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJSD00856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using CD14 rabbit monoclonal antibody (STJ11101549) 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 THP-1 cells using CD14 rabbit monoclonal antibody (STJ11101549) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Flow cytometry: THP-1 Jurkat cells (negative control, left) and A549 cells (right) were surface-stained with CD14 rabbit monoclonal antibody (STJ11101549, 10 Mu g/mL, green line) or rabbit IgG isotype control (10 Mu g/mL, blue line), followed by Alexa Fluor 647 conjugated goat anti-rabbit polyclonal antibody (1:600 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081