Anti-CD38 antibody (181-300) (STJ22994)

STJ22994

GENERAL INFORMATION

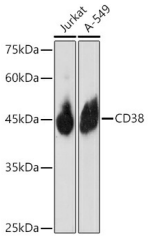
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

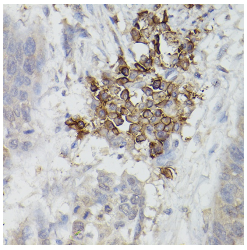
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

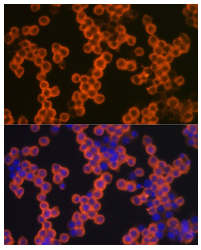
Gene ID	952
Gene Symbol	CD38
Uniprot ID	CD38_HUMAN
Immunogen	
Immunogen Region	181-300
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 181-300 of human CD38 (NP_001766.2).
Immunogen Sequence	SNNPVSVFWKTVSRRFAEAA CDVVHVMLNGSRSKIFDKNS TFGSVEVHNLQPEKVQTLEA WVIHGGREDSRDLCQDPTIK ELESIISKRNIQFSCKNIYR PDKFLQCVKNPEDSSCTSEI



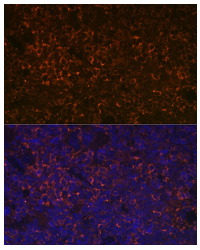
Western blot analysis of extracts of various cell lines, using CD38 antibody (STJ22994) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human lung cancer using CD38 rabbit polyclonal antibody (STJ22994) at dilution of 1:150 (40x lens).



Immunofluorescence analysis of THP-1 cells using CD38 antibody (STJ22994) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse spleen using CD38 antibody (STJ22994) at dilution of 1:100. Blue: DAPI for nuclear staining.

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