

Anti-CD19 antibody (457-556) (STJ22976)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

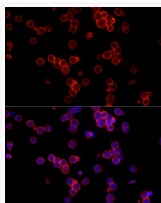
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 61kDa Observed Mw: 95kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

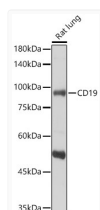
Gene ID	930
Gene Symbol	CD19
UniProt ID	CD19_HUMAN
Immunogen Region	457-556
Immunogen Sequence	NAESYENEDEELTQPVARTM DFLSPHGSAWDPSREATSLG SQSYEDMRGILYAAPQLRSI RGQPGPNHEEDADSYENMDN PDGPDPAWGGGGRMGTWSTR
Specificity	A synthetic peptide corresponding to a sequence within amino acids 457-556 of human CD19 (NP_001761.3).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of Raji cells using CD19 Rabbit polyclonal antibody (STJ22976) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of Rat lung, using CD19 Rabbit polyclonal antibody (STJ22976) at 1:1000 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: 60s.