

Anti-CD99 antibody (23-185) (STJ23019)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

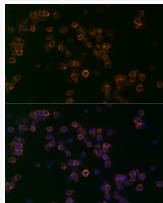
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 19kDa Observed Mw: 22kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

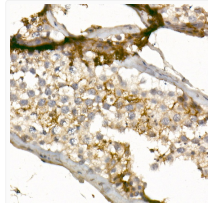
Gene ID	4267
Gene Symbol	CD99
UniProt ID	CD99_HUMAN
Immunogen Region	23-185
Immunogen Sequence	DGGFDLSDALPDNENKKPTA IPKKPSAGDDFDLGDVAVDGE ENDDPRPPNPPKMPNPNP HPSSSGSFSADLADGVSGG EGKGGSDGGGSHRKEGEEAD APGVIPGIVGAVVVAVAGAI SSFIA YQKKKLCFKENAEQG EVDMESHRNANAEPVQRTL LEK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 23-185 of human CD99 (NP_002405.1).

ADDITIONAL INFORMATION

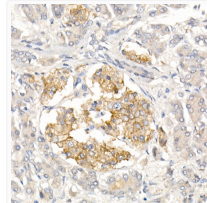
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



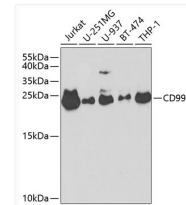
Immunofluorescence analysis of Jurkat cells using CD99 Rabbit polyclonal antibody (STJ23019) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human testis using CD99 Rabbit polyclonal antibody (STJ23019) at dilution of 1:50 (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 islet using CD99 Rabbit polyclonal antibody (STJ23019) at dilution of 1:50 (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 extracts of various cell lines, using CD99 antibody (STJ23019) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST.