

Anti-CLEC12A antibody (66-265) (STJ28006)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

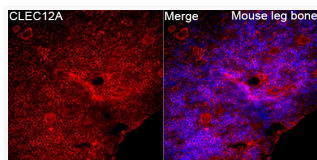
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 24kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

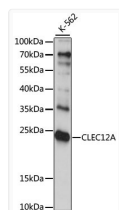
Gene ID	160364
Gene Symbol	CLEC12A
UniProt ID	CL12A_HUMAN
Immunogen Region	66-265
Immunogen Sequence	VTLKIEMKKMNKLQNISEEL QRNISLQLMSNMNISKIRN LSTTLQTIATKLCRELYSKE QEHKCKPCPRRWIWHKDSCY FLSDDVQTWQESKMACAAQN ASLLKINNKNLEFIKSQSR SYDYWLGLSPEEDSTRGMRV DNIINSSAWVIRNAPDLNNM YCGYINRLYVQYYHCTYKKR MICEKMANPVQLGSTYFREA
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 66-265 of human CLEC12A (NP_612210.4).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of Mouse leg bone tissue using CLEC12A Rabbit polyclonal antibody (STJ28006) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.



Western blot analysis of lysates from K-562 cells, using CLEC12A Rabbit polyclonal antibody (STJ28006) at 1:1000 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: 15s.