

Anti-CD48 antibody (27-220) [S0MR] (STJ11103550)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/FC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

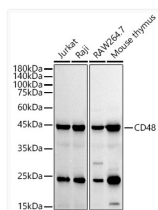
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:2000-1:20000 FC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 19kDa/27kDa Observed Mw: 46kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

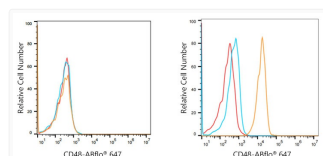
Gene ID	962
Gene Symbol	CD48
UniProt ID	CD48_HUMAN
Immunogen Region	27-220
Immunogen Sequence	QGHVLVHMTVVSGSNVTLNIS ESLPENYKQLTWFYTFDQKI VEWDSRKSKYFESKFKGRVR LDPSQSGALYISKVQKEDNST YIMRVLKKTGNEQEWKIKLQ VLDPPVKPKVIKIEKIEDMDD NCYLKLSCVIPGESVNYTWY GDKRPPFKELQNSVLETTLM PHNYSRCYTQVSNSSVSSKN GTVCLSPPTLARS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 27-220 of human CD48 (NP_001769.2).

ADDITIONAL INFORMATION

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



Western blot analysis of various lysates, using CD48 antibody (STJ11103550) at 1:20000 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Flow cytometry: 1X10⁶ K-562 cells (negative control, left) and Daudi cells (right) were surface-stained with CD48 rabbit monoclonal antibody (STJ11103550, 10 Mu g/mL orange line) or ABR6 647 rabbit IgG isotype control (10 Mu g/mL, blue line). Non-fluorescently stained cells were used as blank control (red line).