

Anti-CD80 antibody (38-245) [S5206RM] (STJ11105206)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

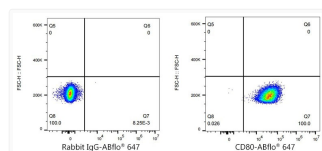
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 FC:1:100-1:500 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 34kDa Observed Mw: 50-75kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

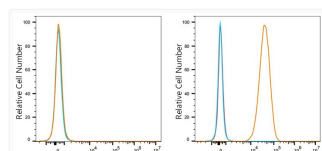
Gene ID	12519
Gene Symbol	Cd80
UniProt ID	CD80_MOUSE
Immunogen Region	38-245
Immunogen Sequence	VDEQLSKSVKDKVLLPCRYN SPHEDESEDRIYWQKHDKVV LSVIAGKLKVWPEYKNRTLY DNNTYSLIILGLVLSDRGTY SCVVQKKERGTYEVKHLALV KLSIKADFSTPNITESGNPS ADTKRITCFASGGFPKPRFS WLENGRELPGINTTISQDPE SELYTISSQLDFNTRNHTI KCLIKYGDHVSDFTWKPK PEDPPDSK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 38-245 of mouse CD80 (NP_033985.3)

ADDITIONAL INFORMATION

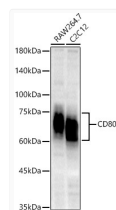
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



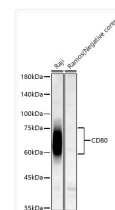
Flow cytometry: 1X10⁶ C2C12 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (2 Mu g/mL, left) or CD80 Rabbit monoclonal antibody (STJ11105206, 2 Mu g/mL, right).



Flow cytometry: 1X10⁶ Neuro-2a cells (negative control, left) and C2C12 cells (right) were surface-stained with CD80 Rabbit monoclonal antibody (STJ11105206, 2 Mu g/mL, orange line) or ABflo® 647 Rabbit IgG isotype control (2 Mu g/mL, blue line). Non-fluorescently stained cells was used as blank control (red line).



Western blot analysis of various lysates, using CD80 Rabbit monoclonal antibody (STJ11105206) 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. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of various lysates, using CD80 Rabbit monoclonal antibody (STJ11105206) 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. Detection: ECL Basic Kit. Exposure time: 45s.