

Anti-CD274 antibody (19-239) (STJ11103333)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

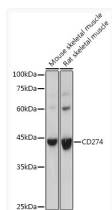
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 33kDa Observed Mw: 40-50kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

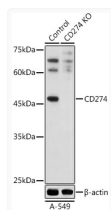
Gene ID	60533
Gene Symbol	Cd274
UniProt ID	PD1L1_MOUSE
Immunogen Region	19-239
Immunogen Sequence	FTITAPKDLVVVEYGSNVTM ECRFPVERELDLLALVVYWE KEDEQVIQFVAGEEDLKPOH SNFRGRASLPKDQLLKGNAA LQITDVKLQDAGVYCCIISY GGADYKRITLKVNPAPYRKIN QRISVDPATSEHELICQAEG YPEAEVIWTNSDHQPVSGKR SVTTSRTEGMLLNVTSSSLRV NATANDVFYCTFWRSQPGQN HTAELIPELPATHPPQNRT H
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 19-239 of mouse CD274 (NP_068693.1).

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 extracts of various cell lines, using CD274 antibody (STJ11103333) at 1:500 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: 30s.



Western blot analysis of extracts from normal (control) and CD274 knockout (KO) A-549 cells, using CD274 antibody (STJ11103333) at 1:500 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: 180s.