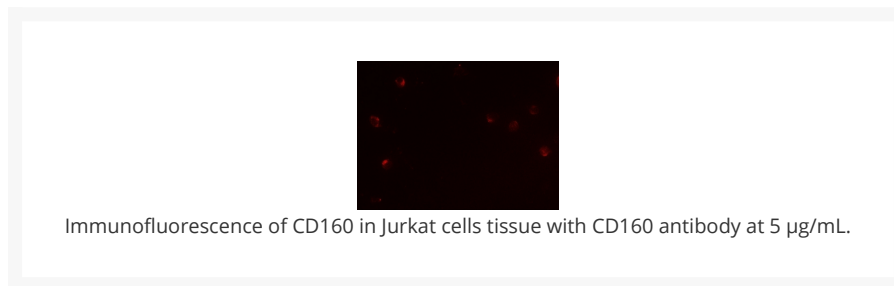
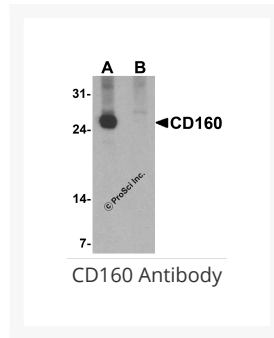




CD160 Antibody

Cat. No.: 7475



Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human, Mouse
IMMUNOGEN:	CD160 antibody was raised against a 17 amino acid peptide near the center of human CD160. The immunogen is located within amino acids 50 - 100 of CD160 .
TESTED APPLICATIONS:	ELISA, IF, WB
APPLICATIONS:	CD160 antibody can be used for detection of CD160 by Western blot at 1 - 2 µg/ml. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
SPECIFICITY:	CD160 antibody is human and mouse reactive. Multiple isoforms of CD160 are known to exist.

POSITIVE CONTROL:	1) Cat. No. 1204 - K562 Cell Lysate
PREDICTED MOLECULAR WEIGHT:	Predicted: 20 kDa Observed: 25kDa

Ψ Properties

PURIFICATION:	CD160 Antibody is affinity chromatography purified via peptide column.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	CD160 Antibody is supplied in PBS containing 0.02% sodium azide.
CONCENTRATION:	1 mg/mL
STORAGE CONDITIONS:	CD160 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

Ψ Additional Info

OFFICIAL SYMBOL:	CD160
ALTERNATE NAMES:	CD160 Antibody : NK1, BY55, NK28, CD160 antigen, Natural killer cell receptor BY55
ACCESSION NO.:	NP_008984
PROTEIN GI NO.:	5901910
GENE ID:	11126
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Ψ Background and References

BACKGROUND:	CD160, also known as BY55, is a lipid-anchored cell membrane glycoprotein that contains one immunoglobulin-like domain (1). It is expressed in small intestine, spleen and functional NK and T cytotoxic lymphocytes (1,2). CD160 exists as a disulfide-linked homomultimer that functions as a receptor for MHC (major histocompatibility complex) molecules and is thought to regulate the function of NK cells (2,3). Additionally, CD160 interacts with TNFRSF14 and, via this interaction, is able to negatively regulate CD4+ T cell activation, indicating a role in immune system regulation (4).
REFERENCES:	1) Anumanthan A, Bensussan A, Boumsell L, et al. Cloning of BY55, a novel Ig superfamily member expressed on NK cells, CTL, and intestinal intraepithelial lymphocytes. J. Immunol. 1998; 161:2780-90.

	2) Agrawal S, Marquet J, Freeman GJ, et al. Cutting edge: MHC class I triggering by a novel cell surface ligand costimulates proliferation of activated human T cells. J. Immunol. 1999; 162:1223-6.
	3) Le Bouteiller P, Tabiasco J, Polgar B, et al. CD160: a unique activating NK cell receptor. Immunol. Lett. 2011;138:93-6
	4) Chabot S, Jabrane-Ferrat N, Bigot K, et al. A novel antiangiogenic and vascular normalization therapy targeted against human CD160 receptor. J. Exp. Med. 2011; 208:973-86.

ANTIBODIES FOR RESEARCH USE ONLY.

For additional information, visit ProSci's [Terms & Conditions Page](#).