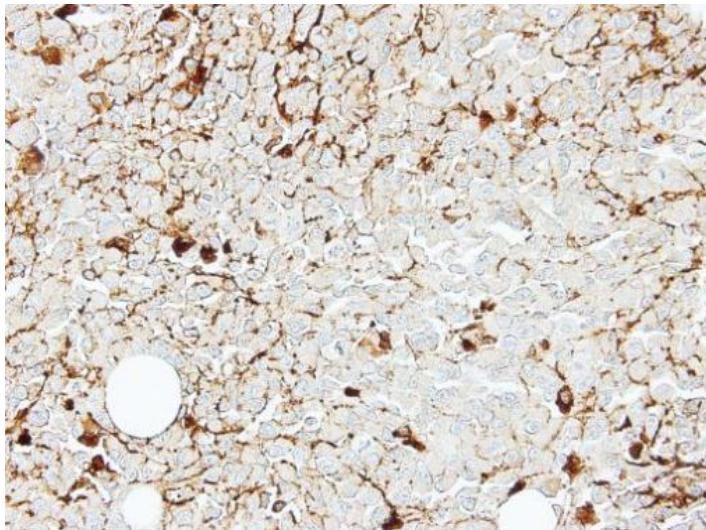




Catalog Number	GTX108495	Package:25 µl,100 µl
Product Name	IL2 Receptor beta antibody [C3], C-term	
Full Name	interleukin 2 receptor, beta	
Synonyms	CD122 antibody, IL15RB antibody, P70-75 antibody, IL2RB antibody, IL-2 receptor subunit beta antibody, IL-2RB antibody, interleukin-2 receptor subunit beta antibody, high affinity IL-2 receptor subunit beta antibody, high affinity IL-2 receptor beta subunit antibody, p75 antibody, CD122 antigen antibody, IL-2R subunit beta antibody, interleukin 15 receptor, beta antibody, interleukin 2 receptor, beta antibody	
Product Description	Rabbit Polyclonal antibody to IL2 Receptor beta (interleukin 2 receptor, beta)	
Background	The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. Both the intermediate and high affinity forms of the receptor are involved in receptor-mediated endocytosis and transduction of mitogenic signals from interleukin 2. The protein encoded by this gene represents the beta subunit and is a type I membrane protein. [provided by RefSeq]	
Host	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human IL2 Receptor beta. The exact sequence is proprietary.	
Antigen Species	Human	
Species Reactivity	Human	
Predicted Cross Reactivity species	Chimpanzee	
Predict Reactivity Note	Chimpanzee (100%)	
Applications	ICC/IF, IHC-P, WB	
Application Note		Suggested dilution
	ICC/IF	1:100-1:1000*
	IHC (Formalin-fixed paraffin-embedded sections)	1:100-1:1000*
	Western blot	1:500-1:3000*
Positive Controls	Raji	
Predicted Target Size	61 kDa	
Cellular Localization	Membrane; Single-pass type I membrane protein	
Conjugation	Unconjugated	
Form Supplied	Liquid	
Purification	Purified by antigen-affinity chromatography.	
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration)	
Storage Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.	
Storage Instruction	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	

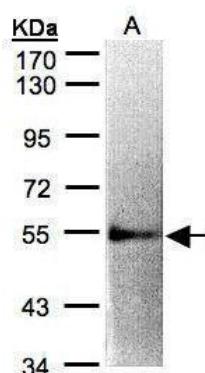
Notes For *In vitro* laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

ResearchArea [Cancer > Type of cancer > Prostate cancer](#)
[Immunology > Autoimmunity > Autoimmune diseases > Crohn Disease](#)
[Immunology > CD marker](#)



GTx108495 IHC-P Image

Immunohistochemical analysis of paraffin-embedded H1299 xenograft, using IL2 Receptor beta(GTX108495) antibody at 1:100 dilution.



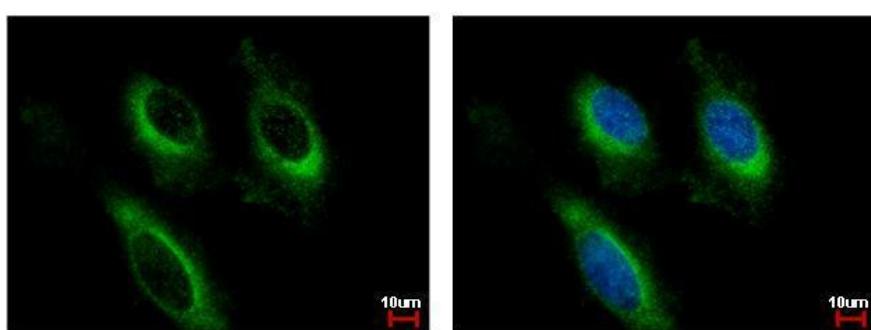
GTx108495 WB Image

Sample(30 µg of whole cell lysate)

A:Raji(GTX27908)

7.5% SDS PAGE

GTx108495 diluted at 1:1000



GTx108495 ICC/IF Image

IL2 Receptor beta antibody [C3], C-term detects IL2RB protein at cytoplasm by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Sample 1 cells were fixed in 4% paraformaldehyde at 4°C for 1 h.

Green: IL2RB protein stained by IL2 Receptor beta antibody [C3], C-term (GTX108495) diluted at 1:500.

Blue: Hoechst 33342 staining.