GeneTex
Quality Antibodies · Quality Results

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Datasheet

Date : 2016/4/11

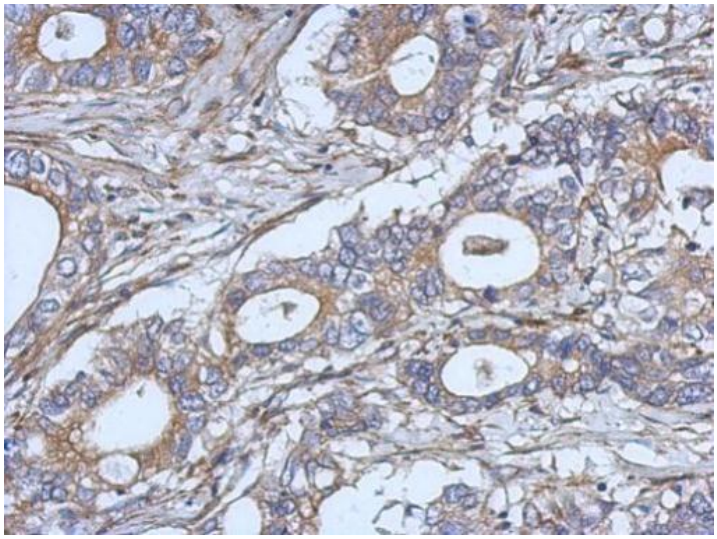
Catalog Number	GTX101138 Package:25 µl,100 µl
Product Name	IL2 antibody
Full Name	interleukin 2
Synonyms	IL-2 antibody, TCGF antibody, lymphokine antibody, IL2 antibody, interleukin-2 antibody, aldesleukin antibody, T cell growth factor antibody, involved in regulation of T-cell clonal expansion antibody, interleukin 2 antibody
Product Description	Rabbit Polyclonal antibody to IL2 (interleukin 2)
Background	The protein encoded by this gene is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli. [provided by RefSeq]
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Immunogen	Recombinant protein encompassing a sequence within the center region of human IL2. The exact sequence is proprietary.
Antigen Species	Human
Species Reactivity	Human
Predicted Cross Reactivity species	Rhesus Monkey
Predict Reactivity Note	Rhesus Monkey (98%)
Applications	IHC-P, WB

Application Note

	Suggested dilution	Reference
IHC (Formalin-fixed paraffin-embedded sections)	1:100-1:1000*	
Western blot	1:500-1:3000*	

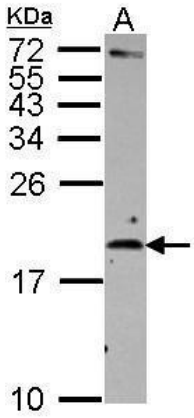
Not tested in other applications.
*Optimal dilutions/concentrations should be determined by the researcher.

Positive Controls	Raji
Predicted Target Size	18 kDa
Cellular Localization	Secreted
Conjugation	Unconjugated
Form Supplied	Liquid
Purification	Purified by antigen-affinity chromatography.
Concentration	0.91 mg/ml (Please refer to the vial label for the specific concentration)
Storage Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Storage Instruction	Keep as concentrated solution. Aliquot and store at -20ºC 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 > Apoptosis > Anti-apoptosis Cancer > Apoptosis > Metastasis and Invasion > Invasion Cancer > Apoptosis > Metastasis and Invasion > Metastasis > Lymphatic



GTX101138 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human gastric cancer, using IL2(GTX101138) antibody at 1:500 dilution.



GTX101138 WB Image

Sample (30 ug of whole cell lysate)
A: Raji
15% SDS PAGE
GTX101138 diluted at 1:500