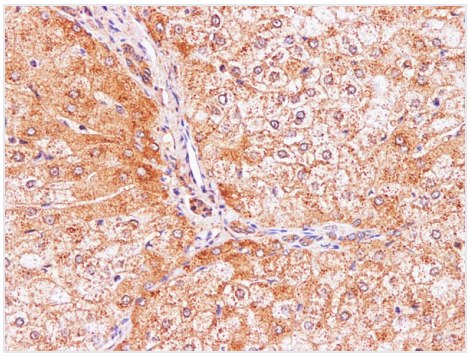
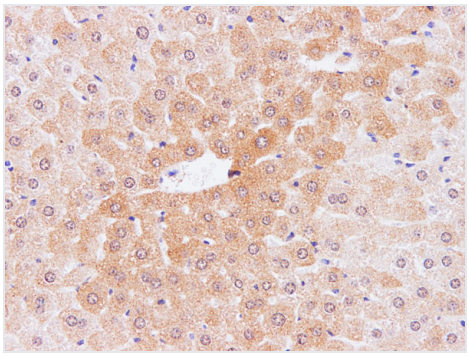
IL2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

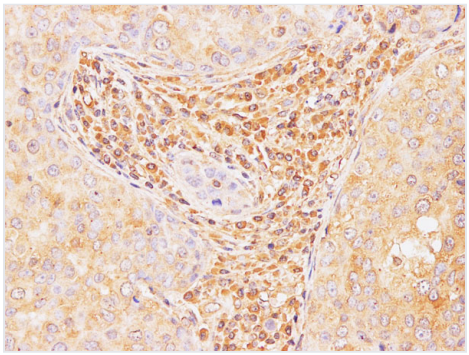
Product Name	IL2, Polyclonal Antibody
Full Product Name	IL2 Polyclonal Antibody
Product Gene Name	anti-IL2 antibody
Product Synonym Names	Aldesleukin; IL 2; IL-2; IL2; IL2; Interleukin 2; Interleukin-2; Involved in regulation of T cell clonal expansion; Lymphokine; OTTHUMP00000164090; POIL2; T Cell Growth Factor; T-cell growth factor; TCGF
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Purity/Purification	Antigen Affinity Purification
Concentration	1 mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	19,400 Da
3D Structure	ModBase 3D Structure for P04351
Immunogen	Recombinant Mouse Interleukin-2 protein
Conjugation	Unconjugated
Product Categories/Family for anti-IL2 antibody	Cancer; Immunology
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IL2 antibody	Immunohistochemistry (IHC)
Application Notes for anti-IL2 antibody	IHC: 1:100-1:200
Related Product Information for anti-IL2 antibody	IL2 is a secreted cytokine involved in the operation and regulation of immune system. IL2 plays a pivotal role in T-cell activation and effector functions, including T cell proliferation, interferon-gammaproduction and cytotoxicity. IL2 can stimulate the propagation of lymphocytes and induce the cytotoxic T lymphocytes and lymphokine-activated killer cells for tumor cells. IL2 also influences memory T cell homeostasis through the regulation of memory T cell numbers and enhances major histocompatibility complex II (MHC II) expression on tumor cells.
Other Notes	Small volumes of anti-IL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for IL2 purchase	MBS2554106 is an antibody targeting IL2. Also known as IL2 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Immunohistochemistry (IHC) of anti-IL2 antibody
Immunohistochemistry of paraffin-embedded Human liver using Il2 Polyclonal Antibody at dilution of 1:100



Immunohistochemistry (IHC) of anti-IL2 antibody
Immunohistochemistry of paraffin-embedded Mouse liver using Il2 Polyclonal Antibody at dilution of 1:100



Immunohistochemistry (IHC) of anti-IL2 antibody
Immunohistochemistry of paraffin-embedded Human breast cancer using Il2 Polyclonal Antibody at dilution of 1:100

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL2. It may not necessarily be applicable to this product.

NCBI GI #	7110653
NCBI GeneID	16183
NCBI Accession #	NP_032392.1
UniProt Primary Accession #	P04351
UniProt Secondary Accession #	P97945; Q791T3
UniProt Related Accession #	P04351
GenBank Nucleotide #	NM_008366.3
NCBI Official Full Name	interleukin-2
NCBI Official Synonym Full Names	interleukin 2
NCBI Official Symbol	Il2
NCBI Official Synonym Symbols	Il-2
UniProt Protein Name	Interleukin-2
UniProt Synonym Protein Names	T-cell growth factor; TCGF
Protein Family	Interleukin
UniProt Gene Name	Il2
UniProt Synonym Gene Names	Il-2; IL-2; TCGF

NCBI Protein Information	interleukin-2
UniProt Comments for IL2	Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.
Research Articles on IL2	**1.** These studies demonstrate that Th1 CD4(+) T cells require IL-2 for lung T resident memory cell development.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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