



Catalog: OM626576

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IL-7R-alpha

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☐ 100 µl

Product profile

Product name	IL-7R-alpha
Antibody Type	Primary Antibodies
Product description	Interleukin 7 (IL-7) was originally described as a factor capable of inducing in vitro proliferation of pre-B cells from marrow cultures. The IL-7 gene encodes a protein 177 amino acids in length. IL-7 exerts its biological function through the IL-7 receptor which is expressed on pre-B cells, thymocytes and bone marrow-derived macrophages. The IL-7 receptor is composed of an IL-7 receptor-specific chain and the IL-2 receptor γ chain common to the IL-2, IL-4, IL-7, IL-9 and IL-15 receptors. IL-7 stimulation leads to the activation of Janus tyrosine kinase family members JAK1 and JAK3. Other studies have shown that in T cells, the IL-7 receptor-specific chain associates with the Src kinases family Lck and Fyn. IL-7 induces phosphorylation of insulin receptor substrate-1 (IRS-1) and insulin receptor substrate-2 (IRS-2), originally called 4PS.
Immunogen	Recombinant protein

Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB ,IHC ,FC
Species Reactivity	Human Zebra Fish
Concentration	1 mg/mL.

Target Information

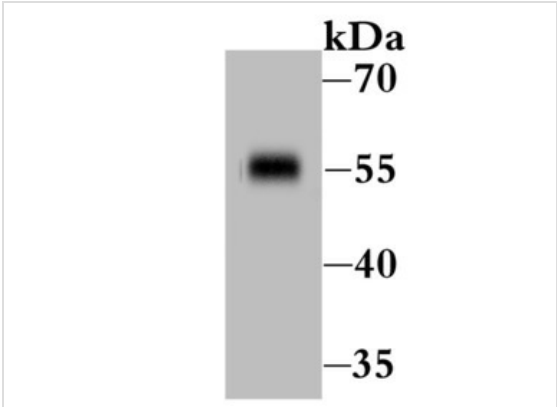
Alternative Names	CD 127 antibody CD127 antibody CD127 antigen antibody CDw127 antibody IL 7R alpha antibody IL 7R antibody IL-7 receptor subunit alpha antibody IL-7R subunit alpha antibody IL-7R-alpha antibody IL-7RA antibody IL7R antibody IL7RA antibody IL7RA_HUMAN antibody IL7Ralpha antibody ILRA antibody Interleukin 7 receptor alpha chain antibody Interleukin 7 receptor antibody Interleukin 7 receptor isoform H5 6 antibody Interleukin-7 receptor subunit alpha antibody
Molecular Weight (MW)	52 kDa

Cellular Localization Membrane. Secreted.

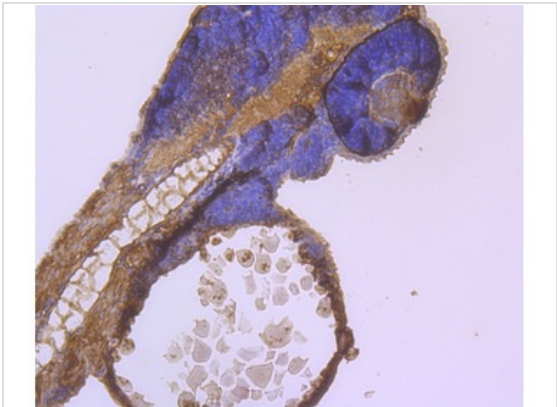
Database Links

SwissProt ID P16871
E9QDP8

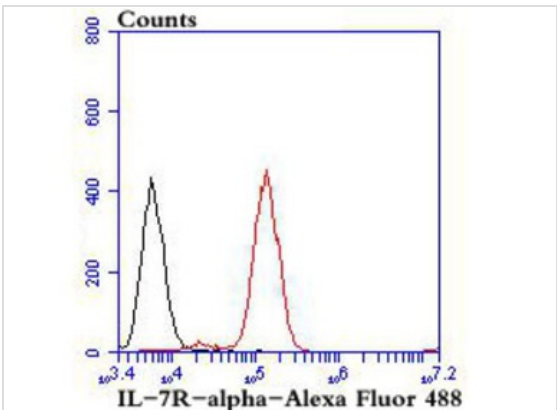
Application



Application
Fig1: Western blot analysis of IL-7R-alpha on zebrafish tissue lysate using anti-IL-7R-alpha antibody at 1/500 dilution.



Application
Fig2: Immunohistochemical analysis of paraffin-embedded zebrafish tissue using anti-IL-7R-alpha antibody. Counter stained with hematoxylin.



Application
Fig3: Flow cytometric analysis of Daudi cells with IL-7R-alpha antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

Positive Control Zebrafish, Daudi.

Application Notes WB:1:500-1:1,000
IHC:1:50-1:200
FC:1:50-1:100

Additional Information

Form	Liquid
Storage Instructions	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage Buffer	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt