Anti-IL7R antibody

Cat. No.	ml163820
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-IL7R rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human IL7R
Reactivity	Human
Content	1.32 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	IL7R
Full name	interleukin 7 receptor
Synonyms	ILRA; CD127; IL7RA; CDW127; IL-7R-alpha
Swissprot	P16871

Target Background

The protein encoded by this gene is a receptor for interleukin 7 (IL7). The function of this receptor requires the interleukin 2 receptor, gamma chain (IL2RG), which is a common gamma chain shared by the receptors of various cytokines, including interleukins 2, 4, 7, 9, and 15. This protein has been shown to play a critical role in V(D)J recombination during lymphocyte development. Defects in this gene may be associated with severe combined immunodeficiency (SCID). Alternatively spliced transcript variants have been found.
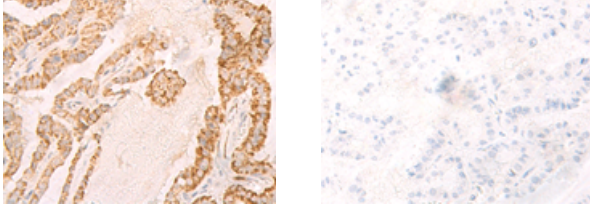
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 40-200

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml163820(IL7R Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size:52 kDa

Positive control:Human fetal brain tissue and Jurkat cell lysates
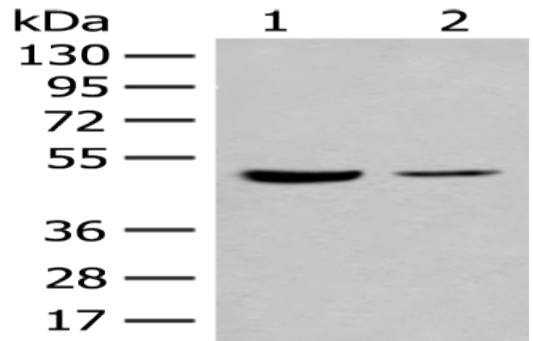
Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

Lysate: 40 μg

Lane 1-2: Human fetal brain tissue and Jurkat cell lysates

Primary antibody: ml163820(IL7R Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds

ELISA

Recommended dilution: 5000-10000

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