

Anti-CD127 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

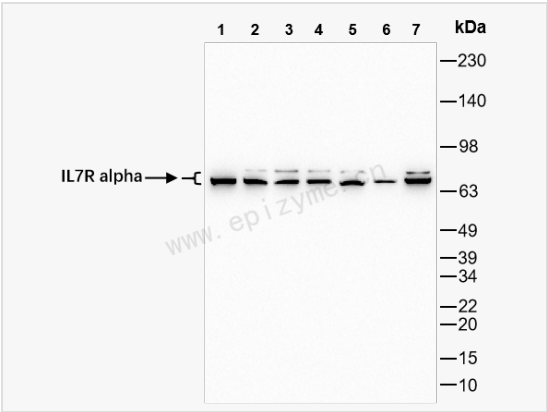
Catalog # R011404

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:3,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	15M52K63
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IL7R alpha
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CD127 Rabbit mAb [15M52K63] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CD127; Interleukin-7 receptor subunit alpha; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA; CDw127; IL7R.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 70-80 kDa
Uniprot ID	P16871
Gene ID	3575
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. [provided by RefSeq, Dec 2015]
Cellular Location	Isoform 1.Cell membrane.Single-pass type I membrane protein.Isoform 3.Cell membrane.Single-pass type I membrane protein.Isoform 4.Secreted.



Western Blot - Anti-CD127 Rabbit mAb [15M52K63]
All lanes: R011404 at 1:3,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: Ball-1 (Human B lymphocyte acute leukemia cell) whole cell lysates
Lane 4: K562 (Human chronic myeloid leukemia cell) whole cell lysates
Lane 5: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lane 6: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates
Lane 7: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 52 kDa
Observed band size: 70-80 kDa
Developed using the ECL technique (Cat. No. SQ201).