

Anti-IL11RA Rabbit Monoclonal Antibody

Catalog # ABO16186

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	Q14626
Host	Rabbit
Isotype	IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-IL11RA Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse.

Additional Information

Gene ID	3590
Other Names	Interleukin-11 receptor subunit alpha, IL-11 receptor subunit alpha, IL-11R subunit alpha, IL-11R-alpha, IL-11RA, Soluble interleukin-11 receptor subunit alpha, sIL-11R, sIL-11RA, sIL11RA, IL11RA (HGNC:5967)
Calculated MW	45222
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 27I65
Immunogen	A synthesized peptide derived from human IL11RA
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	IL11RA (HGNC:5967)
Function	Receptor for interleukin-11 (IL11). The receptor systems for IL6, LIF, OSM,

CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells (Probable). Essential for the normal development of craniofacial bones and teeth. Restricts suture fusion and tooth number.

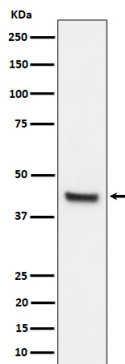
Cellular Location

[Interleukin-11 receptor subunit alpha]: Membrane; Single-pass type I membrane protein [Isoform HCR2]: Secreted

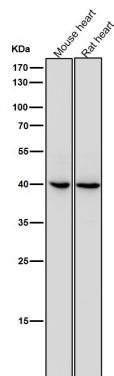
Tissue Location

Expressed in a number of cell lines, including the myelogenous leukemia cell line K-562, the megakaryocytic leukemia cell line M-07e, the erythroleukemia cell line TF-1, and the osteosarcoma cell lines, MG-63 and SaOS-2 (PubMed:7670098). Also expressed in normal and malignant prostate epithelial cell lines. Expression levels are increased in prostate carcinoma.

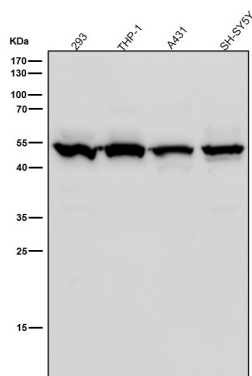
Images



Western blot analysis of IL11RA expression in 293T cell lysate.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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