IL-10Rα rabbit pAb

Cat#: orb765481 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	IL-10Rα rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human IL-10R alpha. AA range:462-511
Specificity	IL-10Rα Polyclonal Antibody detects endogenous levels of IL-10Rα protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Interleukin-10 receptor subunit alpha
Gene Name	IL10RA
Cellular localization	Cell membrane ; Single-pass type I membrane protein. Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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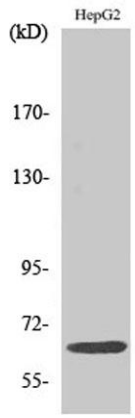
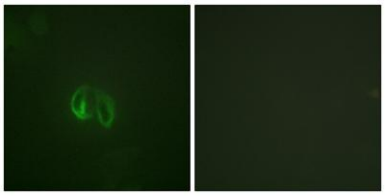
Concentration	1 mg/ml
Observed band	63kD
Human Gene ID	3587
Human Swiss-Prot Number	Q13651
Alternative Names	IL10RA; IL10R; Interleukin-10 receptor subunit alpha; IL-10 receptor subunit alpha; IL-10R subunit alpha; IL-10RA; CDw210a; Interleukin-10 receptor subunit 1; IL-10R subunit 1; IL-10R1; CD antigen CD210
Background	The protein encoded by this gene is a receptor for interleukin 10. This protein is structurally related to interferon receptors. It has been shown to mediate the immunosuppressive signal of interleukin 10, and thus inhibits the synthesis of proinflammatory cytokines. This receptor is reported to promote survival of progenitor myeloid cells through the insulin receptor substrate-2/PI 3-kinase/AKT pathway. Activation of this receptor leads to tyrosine phosphorylation of JAK1 and TYK2 kinases. Two transcript variants, one protein-coding and the other not protein-coding, have been found for this gene. [provided by RefSeq, Jan 2009],



Western Blot analysis of various cells using IL-10Rα Polyclonal Antibody



Immunofluorescence analysis of HepG2 cells, using IL-10R alpha Antibody. The picture on the right is blocked with the synthesized peptide.

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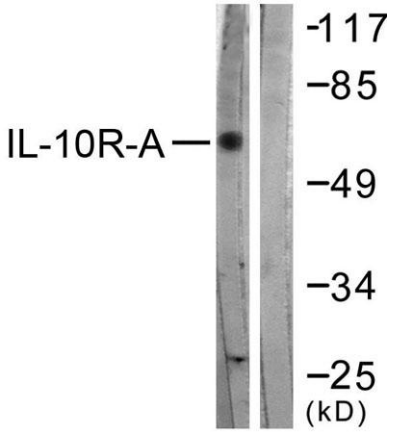

Western blot analysis of lysates from HepG2 cells, treated with Na2VO3 0.3nM 40', using IL-10R alpha Antibody. The lane on the right is blocked with the synthesized peptide.

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