

IL-22 Receptor Antibody

Catalog No: #24153

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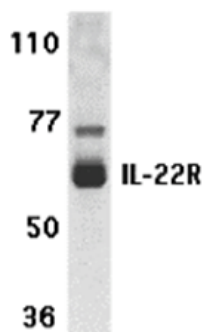
Description

Product Name	IL-22 Receptor Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB ICC
Species Reactivity	Hu Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids near the amino terminus of human IL-22 receptor precursor.
Target Name	IL-22 Receptor
Other Names	IL22R
Accession No.	Swiss-Prot:Q8N6P7Gene ID:58985
Uniprot	Q8N6P7
GeneID	58985;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

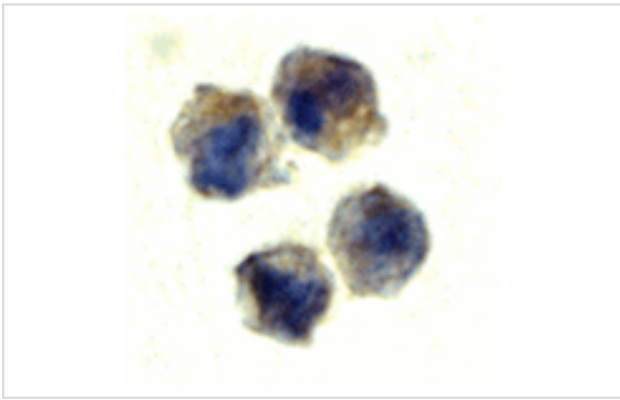
Application Details

Predicted MW: 62 kd

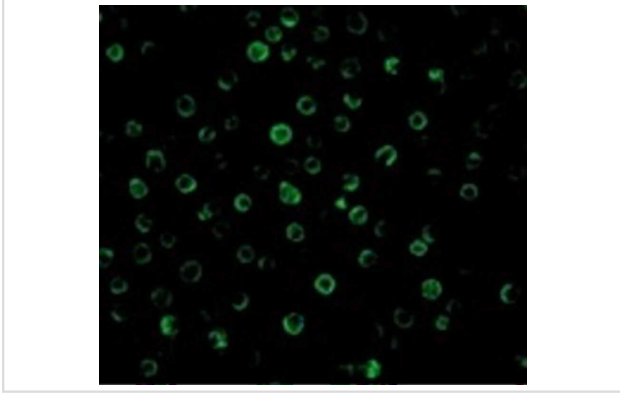
Images



Western blot analysis of IL-22 receptor expression in human HepG2 cell lysate with IL-22 receptor antibody at 1 ug /ml.



Immunocytochemistry of IL-22 receptor in HepG2 cells with IL-22 receptor antibody at 10 ug/mL.



Immunofluorescence of IL-22 receptor in HepG2 cells with IL-22 receptor antibody at 10 µg/mL.

Background

A novel cytokine, designated IL-TIF for IL-10 related T cell-derived inducible factor and IL-22, was recently identified. The receptor for IL-22 (IL-22R, also termed CRF2-9 and IL-TIF-R1 chain) is a new member of the class II cytokine receptor family. IL-22R forms a complex with IL-10 receptor beta chain and mediates IL-22 signaling. IL-22 and its receptor activate JAK-STAT signaling pathway. IL22R is expressed in normal liver and kidney and their cell lines HepG2 and TK-10. A soluble form of IL-22 receptor, also termed IL-22 binding protein (IL-22BP) and IL-22 receptor-alpha 2 (IL-22RA2), was identified very recently. IL-22BP prevents binding of IL-22 to the functional cell surface IL-22R complex and neutralizes IL-22 activity. LPS induces IL-22 expression, which indicates the role of IL-22 in inflammatory response.

Note: This product is for in vitro research use only