

Product datasheet

Anti-Interferon alpha/beta receptor 1 antibody ab62693

★☆☆☆☆ [1 Abreviews](#) [5 References](#) [2 Images](#)

Overview

Product name	Anti-Interferon alpha/beta receptor 1 antibody
Description	Rabbit polyclonal to Interferon alpha/beta receptor 1
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human Interferon alpha/beta receptor 1.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p>
Purity	Without Mg ²⁺ and Ca ²⁺
Purification notes	Immunogen affinity purified
Clonality	ab62693 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Isotype	Polyclonal
	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab62693 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/100.
IF		1/100 - 1/500.

Target

Function

Associates with IFNAR2 to form the type I interferon receptor. Receptor for interferons alpha and beta. Binding to type I IFNs triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and IFNR alpha- and beta-subunits themselves.

Tissue specificity

IFN receptors are present in all tissues and even on the surface of most IFN-resistant cells. Isoform 1, isoform 2 and isoform 3 are expressed in the IFN-alpha sensitive myeloma cell line U266S. Isoform 2 and isoform 3 are expressed in the IFN-alpha resistant myeloma cell line U266R. Isoform 1 is not expressed in IFN-alpha resistant myeloma cell line U266R.

Sequence similarities

Belongs to the type II cytokine receptor family.
Contains 3 fibronectin type-III domains.

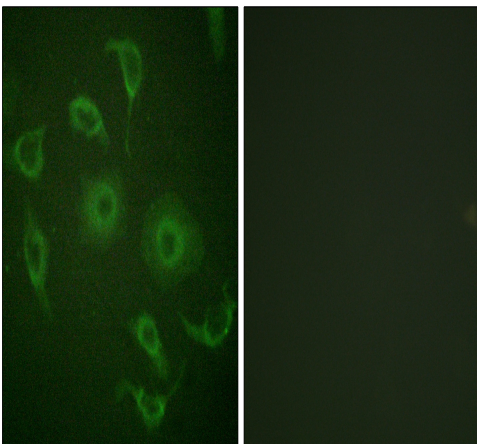
Post-translational modifications

Phosphorylated on tyrosine residues by TYK2 tyrosine kinase.

Cellular localization

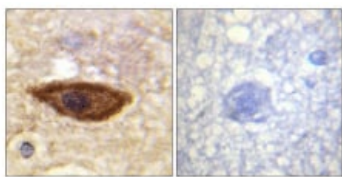
Membrane.

Images



Immunofluorescent analysis of HepG2 cells labeling interferon alpha/beta receptor with ab62693. The image on the right is blocked with the synthesized peptide prior to immunofluorescent labeling.

Immunofluorescence - Anti-Interferon alpha/beta receptor 1 antibody (ab62693)



ab62693 at 1/50 dilution staining Interferon alpha/beta receptor 1 in human brain by Immunohistochemistry, Paraffin-embedded tissue, in the absence or presence of the immunising peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Interferon alpha/beta receptor 1 antibody (ab62693)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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