Datasheet for ABIN499962

anti-IFNB1 antibody (Center)

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Overview

Quantity:	0.1 mg
Target:	IFNB1
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFNB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	IFN-beta antibody was raised against a 17 amino acid peptide from near the center of human IFN-b.
Isotype:	IgG
Specificity:	This antibody reacts to IFN-beta.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	IFNB1
Alternative Name:	IFNB / Interferon beta (IFNB1 Products)

Target Details

Background:	Type I Interferons (IFN-a/b) are produced primarily in response to viral infection by Synonyms: Fibroblast interferon, IFB, IFN-beta, IFNB1
Gene ID:	3456
NCBI Accession:	NP_002167
UniProt:	P01574
Pathways:	JAK-STAT Signaling, TCR Signaling, TLR Signaling, Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response, Positive Regulation of Endopeptidase Activity, Hepatitis C, Autophagy, Inflammasome

Application Details

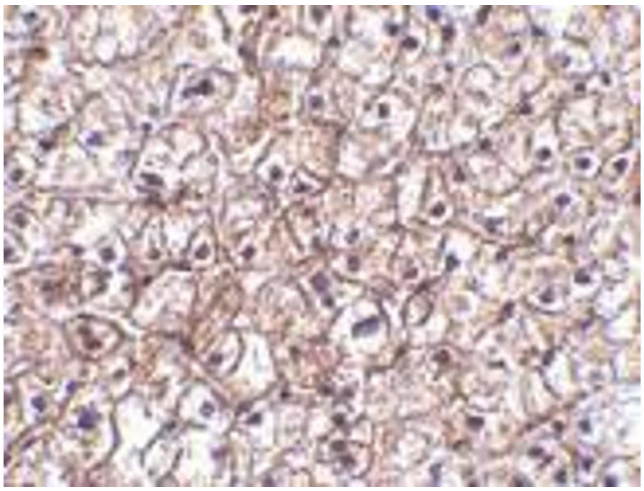
Application Notes:	ELISA. Western Blot: approx. 5 µg/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.

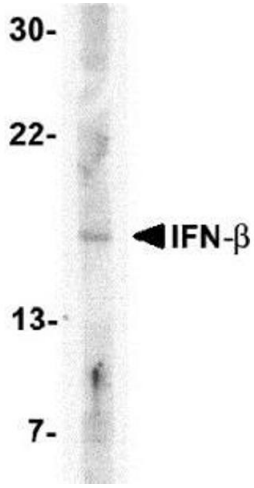
Publications

Product cited in:	Chentoufi, Kritzer, Tran, Dasgupta, Lim, Yu, Afifi, Jiang, Carpenter, Osorio, Hsiang, Nesburn, Wechsler, BenMohamed: "The herpes simplex virus 1 latency-associated transcript promotes functional exhaustion of virus-specific CD8+ T cells in latently infected trigeminal ganglia: a novel immune evasion mechanism." in: **Journal of virology**, Vol. 85, Issue 17, pp. 9127-38, (2011) (PubMed).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of IFN-b in human liver tissue with IFN-b antibody at 5 µg/ml.



Western Blotting

Image 2. Western blot analysis of IFN-b in A-20 cell lysate with AP30401PU-N IFN-b antibody at 5 µg/ml.