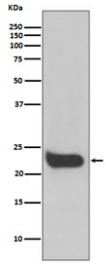
IFNB1 Antibody / Interferon beta [clone AOHB-9] (RQ4969)

Catalog No.	Formulation	Size
RQ4969	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOHB-9
Purity	Affinity purified
UniProt	P01574
Applications	Western blot: 1:500-1:2000
Limitations	This IFNB1 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with IFNB1 antibody. Predicted molecular weight ~22 kDa.

Description

The IFNB1 gene encodes a cytokine that belongs to the interferon family of signaling proteins, which are released as part of the innate immune response to pathogens. The protein encoded by this gene belongs to the type I class of interferons, which are important for defense against viral infections. In addition, type I interferons are involved in cell differentiation and anti-tumor defenses. Following secretion in response to a pathogen, type I interferons bind a homologous receptor complex and induce transcription of genes such as those encoding inflammatory cytokines and chemokines. [RefSeq]

Application Notes

Optimal dilution of the IFNB1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Interferon beta / IFNB1 was used as the immunogen for the IFNB1 antibody.

Storage

Store the IFNB1 antibody at -20oC.

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