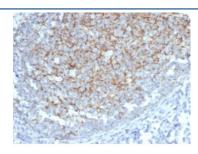


Interferon alpha 1 Antibody / IFNA1 [clone IFNA/6689] (V8790)

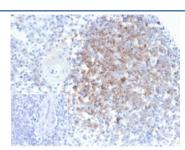
Catalog No.	Formulation	Size
V8790-100UG	0.2~mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8790-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8790SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	IFNA/6689
Purity	Protein A/G affinity
UniProt	P01562
Localization	Cytoplasm, Secreted
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Interferon alpha 1 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with Interferon alpha 1 antibody (clone IFNA/6689) at 2ug/ml in PBS for 30min RT. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human spleen tissue with Interferon alpha 1 antibody (clone IFNA/6689) at 2ug/ml. Negative control inset: PBS instead of primary antibody to control for secondary binding. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

This MAb is specific for human interferon alpha 1 and does not cross react with human interferon alpha 2. Interferons are widely used therapeutic agents because of their anti-tumor and anti-viral effects and because of their modulatory effects on the immune system. These cytokines produce their effects by binding to the Type 1 Interferon- Receptor (IFNAR1). Down regulation of this receptor plays a key role in determining the magnitude and duration of cytokine signaling. This down regulation is influenced by phosphorylation of Serine 535 and 539 in the IFNAR1. Produced by macrophages, IFNalphas have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase

Application Notes

Optimal dilution of the Interferon alpha 1 antibody should be determined by the researcher.

Immunogen

Recombinant human IFNA1 protein was used as the immunogen for the Interferon alpha 1 antibody.

Storage

Aliquot the Interferon alpha 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.