

HINT1 Monoclonal Antibody

Catalog No.	A3912	Category	Monoclonal Antibodies
Applications	WB, IHC, IF, FC	Observed MW	16kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	13kDa

Immunogen Information

Immunogen	A synthetic peptide of human HINT1
Gene ID	3094
Swiss prot	P49773
Synonyms	HINT1; HINT; NMAN; PKCI-1; PRKCNH1; histidine triad nucleotide-binding protein 1

Product information

Source	Mouse
Isotype	IgG
Purification method	Affinity purification
Storage	Store at 4°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, pH7.3.

Background

This gene encodes a protein that hydrolyzes purine nucleotide phosphoramidates substrates, including AMP-morpholidate, AMP-N-alanine methyl ester, AMP-alpha-acetyl lysine methyl ester, and AMP-NH₂. The encoded protein interacts with these substrates via a histidine triad motif. This gene is considered a tumor suppressor gene. In addition, mutations in this gene can cause autosomal recessive neuromyotonia and axonal neuropathy. There are several related pseudogenes on chromosome 7. Several transcript variants have been observed.

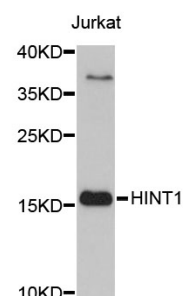
Recommended Dilutions

WB 1:500 -
1:1000

IHC 1:50 -
1:100

IF 1:20 - 1:50

FC 1:20 - 1:50



Western blot - HINT1 Monoclonal Antibody (A3912)