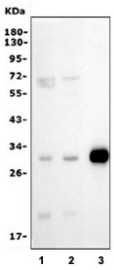
Purine nucleoside phosphorylase Antibody / PNP / Inosine phosphorylase [clone 2H10] (RQ6354)

Catalog No.	Formulation	Size
RQ6354	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat, Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	2H10
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P00491
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml
Limitations	This Purine nucleoside phosphorylase antibody is available for research use only.



Western blot testing of 1) human HEK293, 2) human PC-3 and 3) rat spleen lysate with Purine nucleoside phosphorylase antibody. Predicted molecular weight ~32 kDa.

Description

The PNP gene encodes purine nucleoside phosphorylase, an enzyme that catalyzes the reversible phosphorolysis of the purine nucleosides and deoxynucleosides inosine, guanosine, deoxyinosine, and deoxyguanosine. It is presented results

from gene dosage studies consistent with assignment of the PNP locus to band 14q13. PNP is expressed in most tissues, with markedly greater expression in lymphoid tissues. Genetic deficiencies of PNP result in severely compromised T?lymphocyte function and neurologic dysfunction.

Application Notes

Optimal dilution of the Purine nucleoside phosphorylase antibody should be determined by the researcher.

Immunogen

Amino acids AMSDAYDRTMRQRALSTWKQMGEQRELQE were used as the immunogen for the Purine nucleoside phosphorylase antibody.

Storage

After reconstitution, the Purine nucleoside phosphorylase antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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