

For Research Use Only

ZAP70 Monoclonal antibody

Catalog Number: 60200-1-Ig

Featured Product

1 Publications



Basic Information

Catalog Number:

60200-1-Ig

Size:

3100 μ g/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG7943

GenBank Accession Number:

BC039039

GeneID (NCBI):

7535

ENSEMBL Gene ID:

ENSG00000115085

UNIPROT ID:

P43403

Full Name:

zeta-chain (TCR) associated protein kinase 70kDa

Calculated MW:

70 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

1A11G9

Recommended Dilutions:

WB 1:1000-1:5000

IHC 1:250-1:1000

IF 1:200-1:800

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, pig

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Jurkat cells, pig spleen tissue, pig thymus tissue

IHC: human lymphoma tissue, human tonsillitis tissue

IF: human tonsillitis tissue,

Background Information

Zeta-associated protein (ZAP)-70, a member of the Syk family of tyrosine kinases, plays an important role in T-cell receptor signaling, natural killer (NK) cell activation and early B-cell development. ZAP-70 is expressed in a subset of cases of chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL) with unmutated immunoglobulin heavy-chain variable region (IgVH) genes and is associated with poor clinical outcome.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuman Wang	37925509	Nat Commun	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

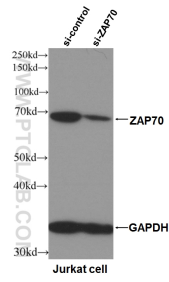
T: 4006900926

E: Proteintech-CN@ptglab.com

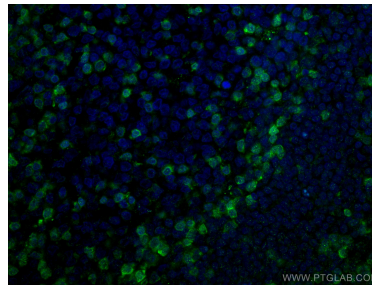
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

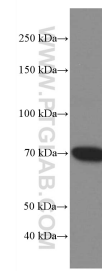
Selected Validation Data



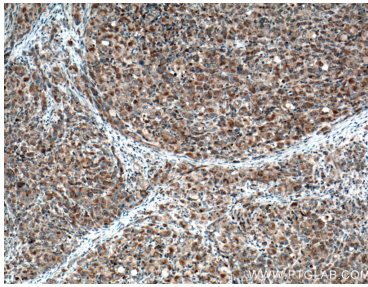
WB result of ZAP70 antibody (60200-1-Ig, 1:10000) with si-control and si-ZAP70 transfected Jurkat cells..



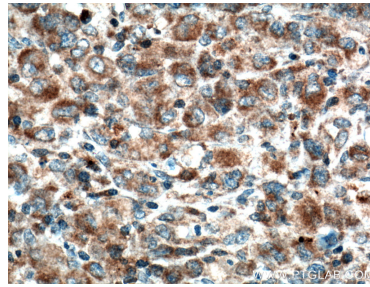
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 60200-1-Ig (ZAP70 antibody), at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Jurkat cells were subjected to SDS PAGE followed by western blot with 60200-1-Ig (ZAP70 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 60200-1-Ig (ZAP70 antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 60200-1-Ig (ZAP70 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).