

For Research Use Only

FEZ2 Recombinant antibody

Catalog Number:83407-7-RR



Basic Information

Catalog Number: 83407-7-RR	GenBank Accession Number: BC110386	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 9637	CloneNo.: 240248B10
Source: Rabbit	UNIPROT ID: Q9UHY8	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500
Isotype: IgG	Full Name: fasciculation and elongation protein zeta 2 (zygin II)	
Immunogen Catalog Number: AG15370	Calculated MW: 353 aa, 40 kDa	
	Observed MW: ~50 kDa	

Applications

Tested Applications:
WB, IHC, FC (Intra), ELISA

Species Specificity:
human

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 : HeLa cells, Jurkat cells, HepG2 cells, A375 cells
IHC : human ovary cancer tissue,

Background Information

FEZ2 is an ortholog of the C. elegans unc-76 gene, which is necessary for normal axonal bundling and elongation within axon bundles.

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:

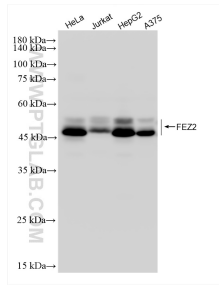
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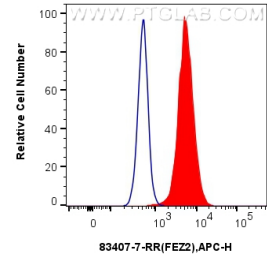
Selected Validation Data



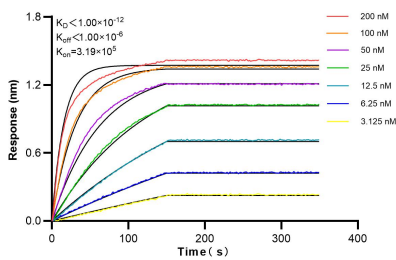
Various lysates were subjected to SDS PAGE followed by western blot with 83407-7-RR (FEZ2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 83407-7-RR (FEZ2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 A431 cells were intracellularly stained with 0.25 ug Fez2 Recombinant Antibody (83407-7-RR, Clone:240248B10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83407-7-RR against Human FEZ2 were performed. The affinity constant is below 1 nM.