

For Research Use Only

Hif-1 alpha Recombinant monoclonal antibody

Catalog Number: 82989-4-RR

1 Publications



Basic Information

Catalog Number: 82989-4-RR	GenBank Accession Number: NM_001313919	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 15251	CloneNo.: 230101E8
Isotype: IgG	UNIPROT ID: Q61221	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:200-1:800
Immunogen Catalog Number: AG33620	Full Name: hypoxia inducible factor 1, alpha subunit	
	Calculated MW: 93 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB	WB : Cobalt Chloride treated NIH/3T3 cells,
Species Specificity: mouse	IHC : mouse kidney tissue,
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	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoyu Wu	39638514	Carbohydr Polym	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

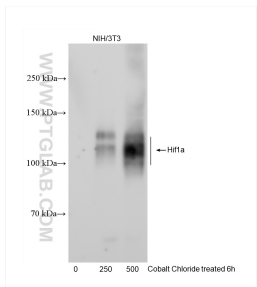
T: 4006900926

E: Proteintech-CN@ptglab.com

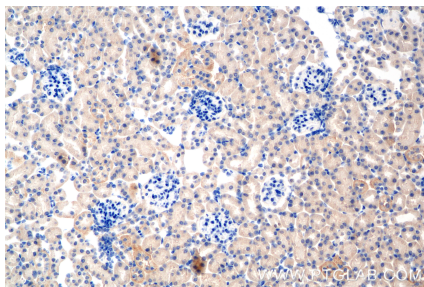
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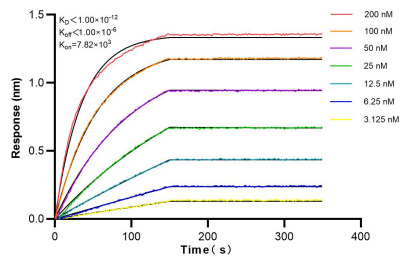
Selected Validation Data



Cobalt Chloride treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 82989-4-RR (Hif1α antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 82989-4-RR (Hif-1 alpha antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 82989-4-RR against Mouse Hif1α were performed. The affinity constant is below 1 pM.