

For Research Use Only

ValRS Monoclonal antibody

Catalog Number: 67935-1-Ig



Basic Information

Catalog Number: 67935-1-Ig	GenBank Accession Number: BC012808	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7407	CloneNo.: 1A2C3
Source: Mouse	Full Name: valyl-tRNA synthetase	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:250-1:1000 IF 1:400-1:1600
Isotype: IgG2a	Calculated MW: 1264 aa, 140 kDa	
Immunogen Catalog Number: AG9312	Observed MW: 140 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

Human, mouse, rat

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 : HEK-293 cells, LNCaP cells, MCF-7 cells, HepG2 cells, HeLa cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells

IHC : human tonsillitis tissue,

IF : HeLa cells,

Background Information

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

*** 20ul sizes contain 0.1% BSA

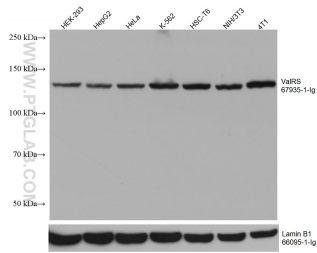
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

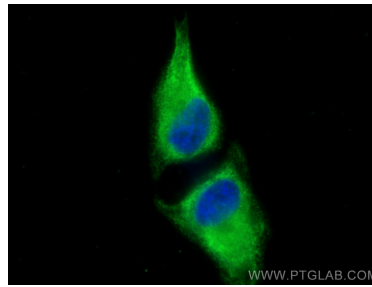
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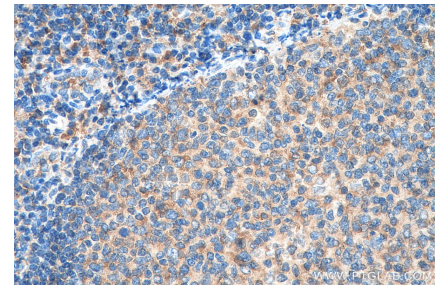
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67935-1-ig (ValRS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Lamin B1 Monoclonal antibody (66095-1-ig) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using ValRS antibody (67935-1-ig, Clone: 1A2C3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67935-1-ig (ValRS antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).