

For Research Use Only

MTHFR Recombinant antibody, PBS Only



Catalog Number: 83372-7-PBS

Basic Information

Catalog Number: 83372-7-PBS	GenBank Accession Number: BC053509	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4524	CloneNo.: 240348C12
Source: Rabbit	UNIPROT ID: P42898	
Isotype: IgG	Full Name: 5,10-methylenetetrahydrofolate reductase (NADPH)	
Immunogen Catalog Number: AG14970	Calculated MW: 656 aa, 75 kDa	

Applications

Tested Applications:
ELISA, WB

Species Specificity:
human

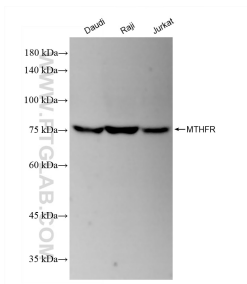
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

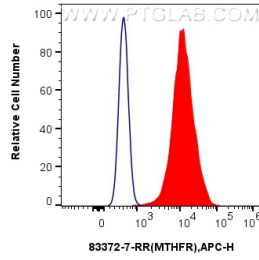
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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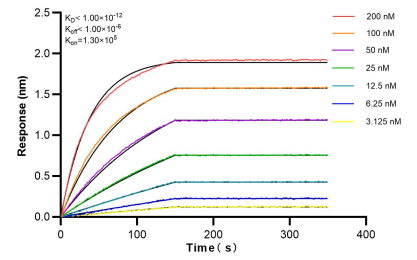
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83372-7-RR (MTHFR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83372-7-PBS in a different storage buffer formulation.



1×10^6 HeLa cells were intracellularly stained with 0.25 μg MTHFR Recombinant antibody (83372-7-RR, Clone:240348C12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μg Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83372-7-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83372-7-RR against Human MTHFR were performed. The affinity constant is below 1 pM.