

For Research Use Only

DHRS2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86309-2-PBS



Basic Information

Catalog Number: 86309-2-PBS	GenBank Accession Number: BC007339	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10202	CloneNo.: 250977F7
Source: Rabbit	UNIPROT ID: Q13268	
Isotype: IgG	Full Name: dehydrogenase/reductase (SDR family) member 2	
Immunogen Catalog Number: AG8508	Calculated MW: 300 aa, 32 kDa	
	Observed MW: 27-30 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

DHRS2(Dehydrogenase/reductase SDR family member 2) is also named as dicarbonyl reductase HEP27, Protein D and belongs to the short-chain dehydrogenases/reductases (SDR) family. It displays NADPH-dependent dicarbonyl reductase activity in vitro with 3,4-Hexanedione, 2,3-Heptanedione and 1-Phenyl-1,2-propanedione as substrates and there is no reductase activity displayed in vitro with steroids, retinoids and sugars as substrates. This protein also may inhibit cell replication. It has 2 isoforms produced by alternative splicing with the molecular weight of 27 kDa and 29 kDa.

Storage

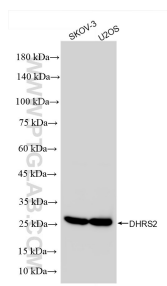
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

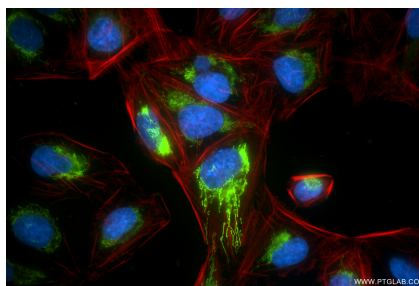
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

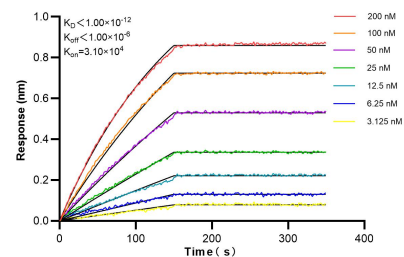
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86309-2-RR (DHRS2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86309-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using DHRS2 antibody (86309-2-RR, Clone: 250977F7) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86309-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86309-2-RR against Human DHRS2 were performed. The affinity constant is below 1 pM.