

For Research Use Only

CoraLite® Plus 488-conjugated DHR52 Recombinant monoclonal antibody

Catalog Number: CL488-86309-2



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86309-2	BC007339	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	10202	250977F7
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q13268	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	dehydrogenase/reductase (SDR family) member 2	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG8508	300 aa, 32 kDa	
	Observed MW:	
	27-30 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : U2OS cells,
Species Specificity:	
human	

Background Information

DHR52(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.

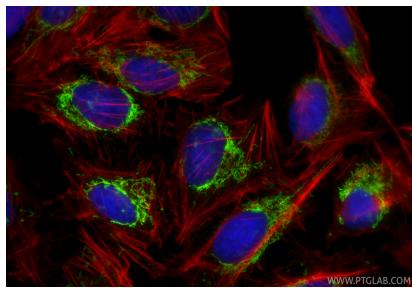
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoraLite® Plus 488 DHRS2 antibody (CL488-86309-2, Clone: 250977F7) at dilution of 1:200, CL594-phalloidin (red).