

For Research Use Only

CoraLite® Plus 488-conjugated HMOX2 Polyclonal antibody



Catalog Number: **CL488-14817**

Basic Information

Catalog Number: CL488-14817	GenBank Accession Number: BC002396	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3163	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P30519	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: heme oxygenase (decycling) 2	
Immunogen Catalog Number: AG6575	Calculated MW: 36 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

Heme oxygenase is the rate-limiting enzyme in the heme degradative pathway. There are 2 isozymic forms of heme oxygenase, an inducible heme oxygenase-1 (HMOX1) and a constitutive heme oxygenase-2 (HMOX2). Down-regulation of HMOX2 is associated with the increased expression of HMOX1 in human cell lines. HMOX2 is also named as HO-2 and could be implicated in the production of carbon monoxide in brain where it could act as a neurotransmitter.

Storage

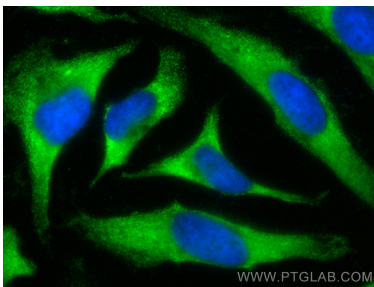
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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)
E: proteintech@ptglab.com
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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 (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 HMOX2 antibody (CL488-14817) at dilution of 1:200.