

For Research Use Only

CoraLite®594-conjugated Cytoglobin Monoclonal antibody

Catalog Number:CL594-60228



Basic Information

Catalog Number:

CL594-60228

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG4161

GenBank Accession Number:

BC029798

GeneID (NCBI):

114757

UNIPROT ID:

Q8WWM9

Full Name:

cytoglobin

Calculated MW:

190 aa, 21 kDa

Observed MW:

27-29 kDa

Purification Method:

Protein G purification

CloneNo.:

4C7E11

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

Species Specificity:

human, mouse, pig, rat

Background Information

Cytoglobin is a ubiquitously expressed hexacoordinate hemoglobin that may facilitate diffusion of oxygen through tissues. The protein, with calculated MW of 21 kDa, runs as a 29kd one in canine retina, kidney, liver, lung, and heart. It may be caused by posttranslational modification of the protein. Various immuno-staining patterns were reported including nuclear, cytoplasm and extracellular location.

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

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

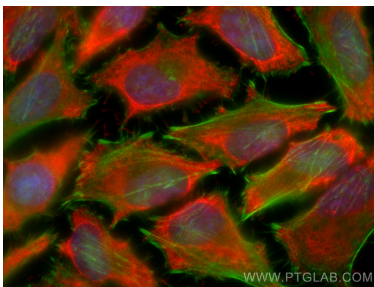
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

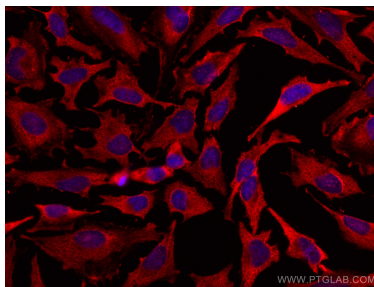
W: ptglab.com

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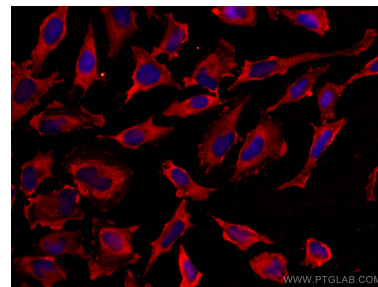
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite®594 Cytoglobin antibody (CL594-60228, Clone: 4C7E11) at dilution of 1:200, CL488-Phalloidin (green).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite®594 Cytoglobin antibody (CL594-60228, Clone: 4C7E11) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite®594 Cytoglobin antibody (CL594-60228, Clone: 4C7E11) at dilution of 1:200.