

For Research Use Only

# CoraLite® Plus 488-conjugated MGP Polyclonal antibody

Catalog Number: CL488-10734

Featured Product



## Basic Information

Catalog Number:

CL488-10734

GenBank Accession Number:

BC005272

Purification Method:

Antigen affinity purification

Size:

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

GeneID (NCBI):

4256

Recommended Dilutions:

IF-P 1:50-1:500

Source:

Rabbit

UNIPROT ID:

P08493

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Isotype:

IgG

Full Name:

matrix Gla protein

Immunogen Catalog Number:

AG1091

Calculated MW:

103 aa, 13 kDa

## Applications

Tested Applications:

IF-P

Positive Controls:

IF-P : mouse liver tissue,

Species Specificity:

human, mouse

## Background Information

Matrix Gla protein (MGP), a vitamin K-dependent protein, is recognized as a calcification inhibitor in vascular tissue. Defects in MGP are the cause of Keutel syndrome (KS), which is an autosomal recessive disorder characterized by abnormal cartilage calcification, peripheral pulmonary stenosis neural hearing loss and midfacial hypoplasia.

## 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)

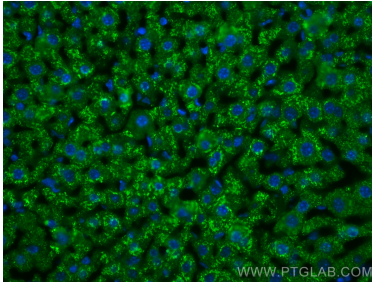
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse liver tissue using CoraLite® Plus 488 MGP antibody (CL488-10734) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).