

Calumenin Monoclonal antibody

Catalog Number: 67585-1-Ig

Basic Information

Catalog Number:

67585-1-Ig

Size:

5914 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG12073

GenBank Accession Number:

BC013383

GeneID (NCBI):

813

UNIPROT ID:

O43852

Full Name:

calumenin

Calculated MW:

315 aa, 37 kDa

Observed MW:

47-50 kDa

Purification Method:

Protein A purification

CloneNo.:

2D8B8

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:250-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Species Specificity:

Human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, NIH/3T3 cells, HepG2 cells, HSC-T6 cells, Jurkat cells, RAW264.7 cells, HEK-293 cells

IHC : human colon cancer tissue, human cervical cancer tissue, human kidney tissue, mouse placenta tissue

IF/ICC : HeLa cells,

Background Information

Storage

Storage:

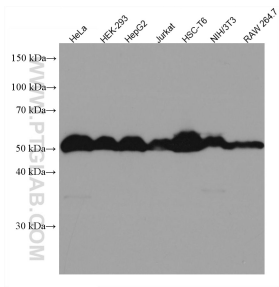
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

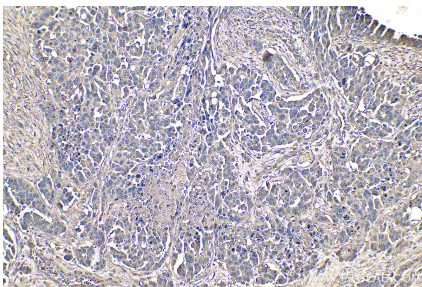
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

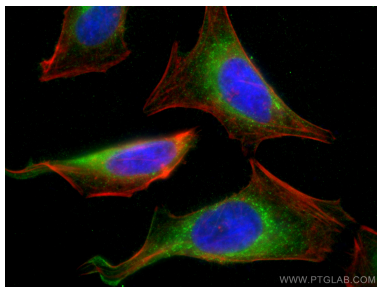
Selected Validation Data



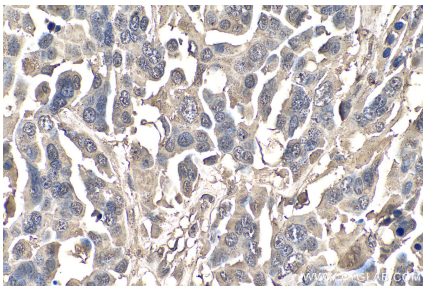
Various lysates were subjected to SDS PAGE followed by western blot with 67585-1-Ig (CALU antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67585-1-Ig (Calumenin antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Calumenin antibody (67585-1-Ig, Clone: 2D8B8) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67585-1-Ig (Calumenin antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).