

For Research Use Only

# CoraLite®488-conjugated NCALD Monoclonal antibody



Catalog Number: CL488-66088

## Basic Information

Catalog Number:

CL488-66088

Size:

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

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG18760

GenBank Accession Number:

BC036098

GeneID (NCBI):

83988

Full Name:

neurocalcin delta

Calculated MW:

193 aa, 22 kDa

Purification Method:

Protein A purification

CloneNo.:

6B4E10

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:

488 nm/515 nm

## Applications

Tested Applications:

IF

Species Specificity:

human, mouse, pig

Positive Controls:

IF : HeLa cells,

## Background Information

NCALD(Neurocalcin-delta) is a member of the EF-hand calcium-binding protein superfamily. It may be involved in the calcium-dependent regulation of rhodopsin phosphorylation. It is a high-affinity  $Ca^{2+}$  sensor ( $K_d$  of approx. 0.6  $\mu M$ ), which is most abundantly expressed in the Purkinje cells of the cerebellum (PMID:11964161). This antibody is specific to NCALD.

## Storage

Storage:

Store at  $-20^{\circ}C$ . Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for  $-20^{\circ}C$  storage

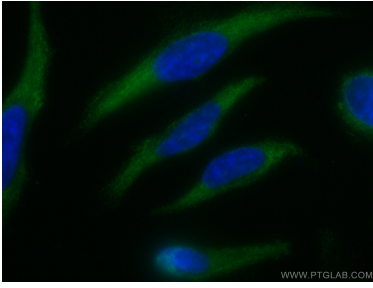
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite®488 NCALD antibody (CL488-66088, Clone: 6B4E10) at dilution of 1:100.