

For Research Use Only

# CoraLite® Plus 488-conjugated ERAB Monoclonal antibody



Catalog Number: CL488-60069

Featured Product

## Basic Information

Catalog Number:

CL488-60069

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1020

GenBank Accession Number:

BC008708

GeneID (NCBI):

3028

UNIPROT ID:

Q99714

Full Name:

hydroxysteroid (17-beta)  
dehydrogenase 10

Calculated MW:

26 kDa

Observed MW:

27 kDa

Purification Method:

Protein G purification

CloneNo.:

1G5E5

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

Species Specificity:

human, mouse

## Background Information

HSD17B10 (3-hydroxyacyl-CoA dehydrogenase type-2) is a multifunctional mitochondrial enzyme that acts on a wide spectrum of substrates, including neuroactive steroids, alcohols, leucine, and fatty acids, with a preference for short-chain methyl-branched acyl-CoAs (PMID:15860413). It has 2 isoforms produced by alternative splicing. Defects in HSD17B10 are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD deficiency) and mental retardation syndromic X-linked type 10 (MRXS10).

## 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:

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