

CoraLite® Plus 488-conjugated MOCS2 Monoclonal antibody

Catalog Number: **CL488-68308**

Basic Information

Catalog Number:

CL488-68308

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6282

GenBank Accession Number:

BC046097

GeneID (NCBI):

4338

UNIPROT ID:

O96033

Full Name:

molybdenum cofactor synthesis 2

Calculated MW:

21 kDa

Observed MW:

21 kDa

Purification Method:

Protein G purification

CloneNo.:

3H2D5

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

Background Information

MOCS2(Molybdenum cofactor synthesis 2) is a heterotetrameric synthase comprised of 2 small (MOCS2A) and 2 large (MOCS2B) subunits. MOCS2 acts as a sulfur carrier required for molybdopterin biosynthesis. The two MOCS2 proteins A and B are subunits of molybdopterin synthase incorporating sulfur groups delivered by the MOCS3 sulfurylase.

Storage

Storage:

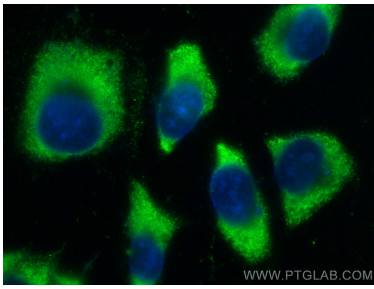
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 MOCS2 antibody (CL488-68308, Clone: 3H2D5) at dilution of 1:200.