

For Research Use Only

# CoraLite® Plus 488-conjugated NR1H2 Monoclonal antibody



Catalog Number: CL488-60345

Featured Product

## Basic Information

Catalog Number:

CL488-60345

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5635

GenBank Accession Number:

BC047750

GeneID (NCBI):

7376

UNIPROT ID:

P55055

Full Name:

nuclear receptor subfamily 1, group H, member 2

Calculated MW:

51 kDa

Observed MW:

51 kDa

Purification Method:

Protein G purification

CloneNo.:

1E12B10

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

Species Specificity:

human, pig

## Background Information

NR1H2, also known as LXRB, is a liver X receptors, which form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. It preferentially bind to double-stranded oligonucleotide direct repeats, which have the consensus half-site sequence 5'-AGGTCA-3' and 4-nt spacing (DR-4). It involves in the regulation of cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8.

## 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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