

CoraLite® Plus 488-conjugated MRPS25 Monoclonal antibody

Catalog Number: **CL488-67903**

Basic Information

Catalog Number:

CL488-67903

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG7846

GenBank Accession Number:

BC003590

GeneID (NCBI):

64432

UNIPROT ID:

P82663

Full Name:

mitochondrial ribosomal protein S25

Calculated MW:

20 kDa

Observed MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

3B10B6

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

Species Specificity:

Human, mouse, rat

Background Information

Mitochondrial ribosomal protein S25 (MRPS25) belongs to the ribosomal protein S25/L51 family. It is a component of the mitochondrial ribosome small subunit (28S). The variant segregated with the disease and substitutes a highly conserved proline residue with leucine (p.P72L) that, based on the high-resolution structure of the 28S ribosome, is predicted to compromise inter-protein contacts and destabilize the small subunit.

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

