

For Research Use Only

CoraLite® Plus 488-conjugated MSH2 Polyclonal antibody



Catalog Number: CL488-15520

Featured Product

Basic Information

Catalog Number:

CL488-15520

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7835

GenBank Accession Number:

BC021566

GeneID (NCBI):

4436

UNIPROT ID:

P43246

Full Name:

mutS homolog 2, colon cancer,
nonpolyposis type 1 (E. coli)

Calculated MW:

105 kDa

Observed MW:

100 kDa-105 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Background Information

MSH2, named for its homologous to the E.coli MutS gene, takes part in DNA mismatch repair(MMR) to maintain the stability of DNA. MSH2 contains a helix-turn-helix domain, which responds for binding to DNA. Also, MSH2 has a direct role in mutation avoidance and micro-satellite stability in cell.

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:

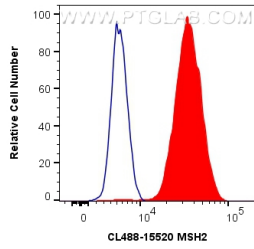
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human MSH2 (CL488-15520) (red), or 0.8 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).