

For Research Use Only

# CoraLite® Plus 647-conjugated MSH6 Monoclonal antibody

Catalog Number: CL647-66172

Featured Product



## Basic Information

Catalog Number:

CL647-66172

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG12645

GenBank Accession Number:

BC004246

GeneID (NCBI):

2956

UNIPROT ID:

P52701

Full Name:

mutS homolog 6 (E. coli)

Calculated MW:

153 kDa

Observed MW:

160 kDa

Purification Method:

Protein A purification

CloneNo.:

2E10B2

Recommended Dilutions:

FC (Intra): 0.20 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse

Positive Controls:

FC (Intra) : HEK-293 cells,

## Background Information

MSH6, also named as DNA mismatch repair protein Msh6 or GTMBP, is a 1360 amino acid protein, which contains one PWWP domain and belongs to the DNA mismatch repair MutS family. MSH6 localizes in the nucleus and is a component of the post-replicative DNA mismatch repair system. Msh2 and Msh6 form a protein complex required to repair mismatches generated during DNA replication.

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

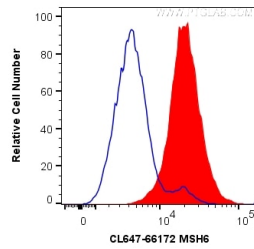
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human MSH6 (CL647-66172, Clone:2E10B2) (red), or 0.2 ug isotype control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).