

For Research Use Only

CoraLite® Plus 488-conjugated MSH2 Polyclonal antibody



Catalog Number: CL488-15520

Featured Product

Basic Information

Catalog Number: CL488-15520	GenBank Accession Number: BC021566	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4436	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	Full Name: mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	
Isotype: IgG	Calculated MW: 105 kDa	
Immunogen Catalog Number: AG7835	Observed MW: 100 kDa-105 kDa	

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

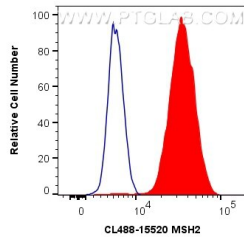
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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).