

For Research Use Only

CoraLite® Plus 488-conjugated GATA3 Monoclonal antibody



Catalog Number:CL488-66400

Basic Information

Catalog Number: CL488-66400	GenBank Accession Number: BC003070	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2625	CloneNo.: 1B11A8
Source: Mouse	Full Name: GATA binding protein 3	Recommended Dilutions: IF 1:400-1:1600
Isotype: IgG2a	Calculated MW: 443 aa, 48 kDa	
Immunogen Catalog Number: AG0174		

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : MCF-7 cells,
Species Specificity: human	

Background Information

GATA3 is a transcriptional factor that binds to the enhancer elements of all 4 T-cell antigen receptor genes. GATA3 is highly expressed in naive, freshly activated cells and Th2 lineage cells and thought to be necessary and sufficient for Th2 cytokine gene expression. GATA3 and TBET interfere with each other to regulate gene expression. This antibody is conjugated with CL488, Ex/Em 488 nm/515 nm.

Storage

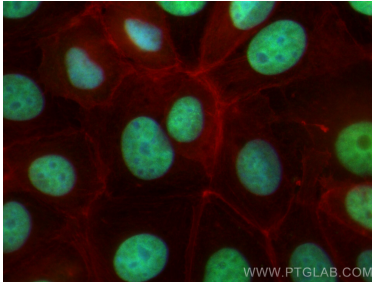
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

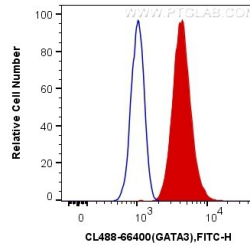
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 GATA3 antibody (CL488-66400, Clone: 1B11A8) at dilution of 1:800, CL594-Phalloidin (red).



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human GATA3 (CL488-66400, Clone:1B11A8) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).