

For Research Use Only

GATA3 Recombinant antibody

Catalog Number: 83808-2-RR



Basic Information

Catalog Number: 83808-2-RR	GenBank Accession Number: BC003070	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2625	CloneNo.: 240684B8
Source: Rabbit	UNIPROT ID: P23771	Recommended Dilutions: IF/ICC 1:125-1:500
Isotype: IgG	Full Name: GATA binding protein 3	
Immunogen Catalog Number: AG0174	Calculated MW: 443 aa, 48 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra), ELISA	Positive Controls: IF/ICC : 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 is a rabbit polyclonal antibody raised against part of C-terminus of human GATA3.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

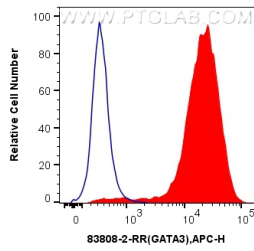
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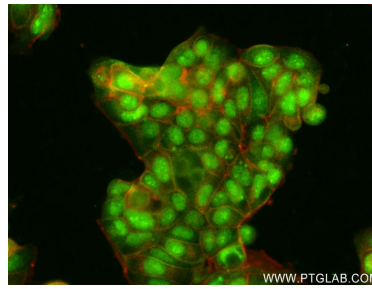
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Selected Validation Data



1×10^6 Jurkat cells were intracellularly stained with 0.25 μ g GATA3 Recombinant antibody (83808-2-RR, Clone:240684B8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using GATA3 antibody (83808-2-RR, Clone: 240684B8) at dilution of 1:250 and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).