

For Research Use Only

CoraLite®594-conjugated GATA3 Monoclonal antibody



Catalog Number:CL594-66400

Basic Information

Catalog Number:

CL594-66400

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG0174

GenBank Accession Number:

BC003070

GeneID (NCBI):

2625

UNIPROT ID:

P23771

Full Name:

GATA binding protein 3

Calculated MW:

443 aa, 48 kDa

Purification Method:

Protein A purification

CloneNo.:

1B11A8

Recommended Dilutions:

IF-P 1:50-1:500

IF/ICC 1:400-1:1600

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC, IF-P

Species Specificity:

human

Positive Controls:

IF-P : human breast cancer tissue,

IF/ICC : MCF-7 cells,

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 CL594(Ex/Em 593 nm/614 nm) conjugated.

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:

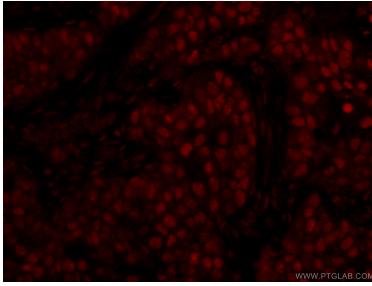
T: 4006900926

E: Proteintech-CN@ptglab.com

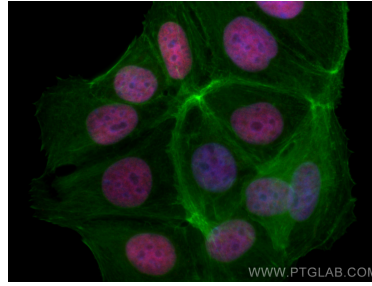
W: ptgcn.com

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

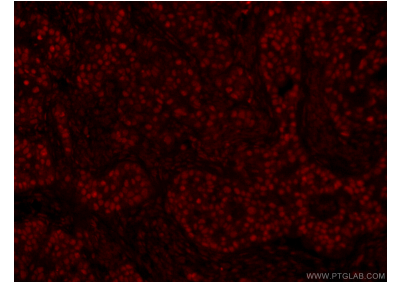
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using CL594-66400 (GATA3 antibody) at dilution of 1:50.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® 594 GATA3 antibody (CL594-66400, Clone: 1B11A8) at dilution of 1:800, CL488-Phalloidin (green).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using CL594-66400 (GATA3 antibody) at dilution of 1:50.