

CoraLite®594-conjugated FKBP8 Monoclonal antibody

Catalog Number: **CL594-66690**

Basic Information

Catalog Number:

CL594-66690

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1649

GenBank Accession Number:

BC009966

GeneID (NCBI):

23770

UNIPROT ID:

Q14318

Full Name:

FK506 binding protein 8, 38kDa

Calculated MW:

45 kDa

Observed MW:

53 kDa

Purification Method:

Protein G purification

CloneNo.:

1C1G12

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : A431 cells,

Background Information

FK506 binding protein 8 (FKBP8), is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP8 does not seem to have PPIase/rotamase activity, which is different from other members of this family. The active form of FKBP8 may play a role in the regulation of apoptosis. FKBP8 has 3 isoforms produced by alternative splicing.

Storage

Storage:

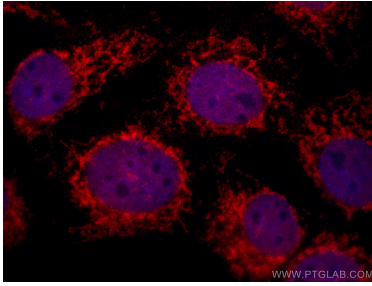
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

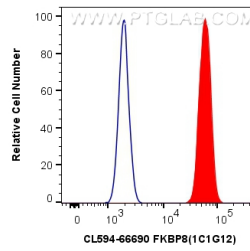
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite®594 FKBP8 antibody (CL594-66690, Clone: 1C1G12) at dilution of 1:200.



1X10⁶ A431 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human FKBP8 (CL594-66690, Clone:1C1G12) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).