

For Research Use Only

# CoraLite®594-conjugated FKBP8 Monoclonal antibody

Catalog Number:CL594-66690



## Basic Information

<b>Catalog Number:</b> CL594-66690	<b>GenBank Accession Number:</b> BC009966	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23770	<b>CloneNo.:</b> 1C1G12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q14318	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> FK506 binding protein 8, 38kDa	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG1649	<b>Calculated MW:</b> 45 kDa	
	<b>Observed MW:</b> 53 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, FC (Intra)	<b>Positive Controls:</b> IF/ICC : A431 cells,
<b>Species Specificity:</b> human, mouse	

## 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.

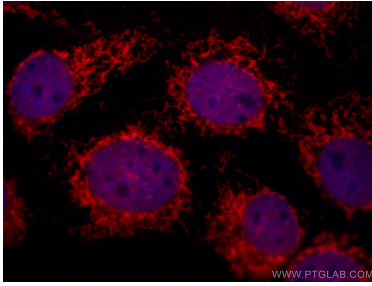
## Storage

**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**

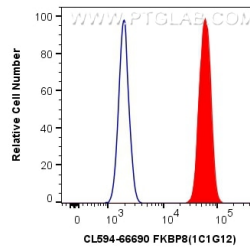
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



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



1X10<sup>6</sup> 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).