

For Research Use Only

CoraLite®594-conjugated FBXO32 Monoclonal antibody



Catalog Number:CL594-67172

Basic Information

Catalog Number: CL594-67172	GenBank Accession Number: BC024030	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 114907	CloneNo.: 3C2G3
Source: Mouse	Full Name: F-box protein 32	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 355 aa, 42 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG25247	Observed MW: 42 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : mouse skeletal muscle tissue,
Species Specificity: Human, Pig, Rat	

Background Information

FBXO32 (F box only protein 32), also known as Atrogin 1 or MAFbx, is a member of the F-box protein family which is characterized by an approximately 40 amino acid motif F-box. This protein is an E3 ubiquitin ligase that is markedly up-regulated in muscle atrophy. FBXO32 is thus a potential drug target for the treatment of muscle atrophy. Some data support that FBXO32 may play an important role in tumorigenesis. Recent study reveal that FBXO32 targets the oncogenic protein c-Myc for ubiquitination and degradation through the proteasome pathway.

Storage

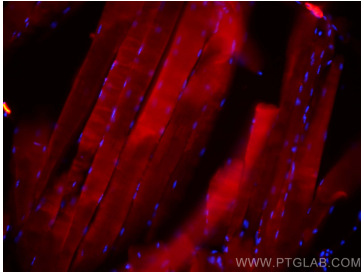
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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 mouse skeletal muscle tissue using CoraLite®594 FBXO32 antibody (CL594-67172, Clone: 3C2G3) at dilution of 1:200.