

For Research Use Only

CoraLite® Plus 488-conjugated ASK1 Monoclonal antibody



Catalog Number:CL488-67072

Basic Information

Catalog Number: CL488-67072	GenBank Accession Number: BC054503	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 4217	CloneNo.: 1C3A10
Source: Mouse	UNIPROT ID: Q99683	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: mitogen-activated protein kinase kinase kinase 5	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG5818	Calculated MW: 155 kDa	
	Observed MW: 110 kDa	

Applications

Tested Applications: FC (Intra), IF/ICC	Positive Controls: IF : A431 cells,
Species Specificity: Human, Mouse, Rat	

Background Information

ASK1(Apoptosis signal-regulating kinase 1) is also named as MAP3K5, MAPKKK5, MEKK5 and belongs to the MAP kinase kinase kinase subfamily. It is an evolutionarily conserved mitogen activated protein 3-kinase that activates both Jnk and p38 mitogen-activated protein kinases. ASK1 is activated in response to various cytotoxic stresses including TNF, Fas and reactive oxygen species (ROS) such as H₂O₂, and activates c-Jun NH 2-terminal kinase (JNK) and p38. 67072-1-Ig antibody detects the degraded product of ASK1 in SDS-PAGE.

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:

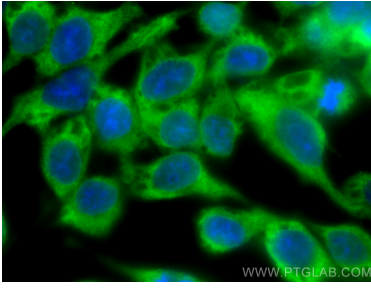
T: 4006900926

E: Proteintech-CN@ptglab.com

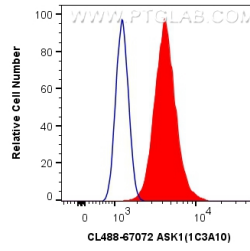
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Coralite® Plus 488 ASK1 antibody (CL488-67072, Clone: 1C3A10) at dilution of 1:200.



1X10⁶ A431 cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human ASK1 (CL488-67072, Clone:1C3A10) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).