

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IRAK1



Numéro de catalogue: **CL555-10478**

Phare

Informations de base

Numéro de catalogue:	Numéro d'acquisition GenBank:	Méthode de purification:
CL555-10478	BC014963	Purification par affinité contre l'antigène
Taille:	Identification du gène (NCBI):	Dilutions recommandées:
100ul, Concentration: 1000 µg/ml by Nanodrop;	3654	IF 1:50-1:500
Hôte:	Nom complet:	Excitation/Emission maxima wavelengths:
Lapin	interleukin-1 receptor-associated kinase 1	557 nm / 570nm
Isotype:	MW calculé	
IgG	77 kDa	
Immunogen Catalog Number:	MW observés:	
AG0728	68-80 kDa	

Applications

Applications testées:	Contrôles positifs:
FC (Intra), IF	IF : cellules HeLa,
Spécificité de l'espèce:	
Humain, rat, souris	

Informations générales

Interleukin-1 receptor-associated kinases (IRAKs) are a unique family of death domain containing protein kinases that play a key role in initiating innate immune response against foreign pathogens. They are involved in Toll-like receptor (TLR) and interleukin-1 receptor (IL-1R) signaling pathways. IRAK1 is the first member of this kinase family. Upon ligand binding to TLR/IL-1R, IRAK1 is recruited by MYD88 to the receptor-signaling complex, the association leads to IRAK1 phosphorylation by IRAK4 and subsequent autophosphorylation and kinase activation. Hyper-phosphorylated IRAK1 then disengages from the receptor complex, and forms a cytosolic IRAK1-TRAF6 complex. TRAF6 then interacts with TAK and TAB, resulting in eventual activation of the NF- κ B and MAPK pathways. Phosphorylated IRAK1 also undergoes ubiquitin-mediated degradation or sumoylation, which results in nuclear translocation and transcriptional activation of inflammatory target genes. (PMID: 17890055; 12620219)

Stockage

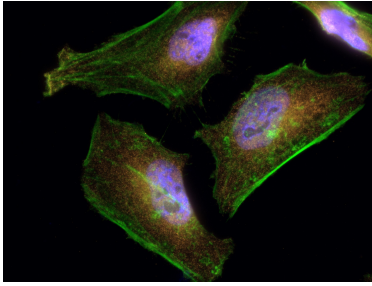
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

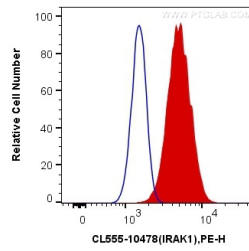
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite®555 IRAK1 antibody (CL555-10478) at dilution of 1:100, CL488-Phalloidin (green).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human IRAK1 (CL555-10478) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).