À des fins de recherche uniquement

Anticorps Monoclonal anti-IRF3

Numéro de catalogue:66670-1-Ig 4 Publications

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Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
66670-1-Ig

Taille:
150ul , Concentration: 1100 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG27223

Numéro d'acquisition GenBank:
BC009395

Identification du gène (NCBI):
3661

Nom complet:
interferon regulatory factor 3

MW calculé
47 kDa

MW observés:
50-60 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
1E6G8

Dilutions recommandées:
WB 1:5000-1:50000
IHC 1:250-1:1000

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules Daudi, cellules HepG2, cellules Jurkat, cellules MOLT-4, cellules THP-1

IHC : tissu splénique humain, tissu d'amygdalite humain

Informations générales

The virul-induced expression of interferon(IFN) genes in infected cells implicate in the interplay of several constitutively expressed and virus-activated transcription factors. A family of IFN regulatory factors(IRFs) have been shown to has a role in the transcription of IFN genes as well as IFN-stimulated genes. IRF3 is a novel key transcriptional regulator of type I IFN-dependent immune responses and involves in the innate immune response against DNA and RNA viruses, by binding to the promoters of IFN. It located in the cytoplasm of uninfected cells in an inactive form, and following viral infection, double-stranded RNA (dsRNA), or toll-like receptor (TLR) signaling, could be phosphorylated by IKBKE and TBK1 kinases. This induces a conformational change, leading to its dimerization, nuclear localization and association with CREB binding protein (CREBBP) to form dsRNA-activated factor 1 (DRAF1), a complex which activates the transcription of the type I IFN and ISG genes.

Publications notables

Autrice	Pubmed ID	Journal	Application
Kul Raj Rai	36321836	mBio	WB
Zhihai Zhou	33692778	Front Immunol	WB,IF
Shujuan Xu	34922148	Vet Microbiol	WB

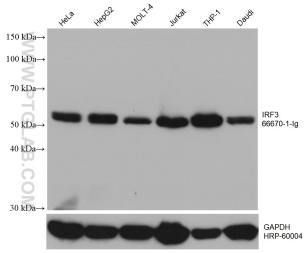
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

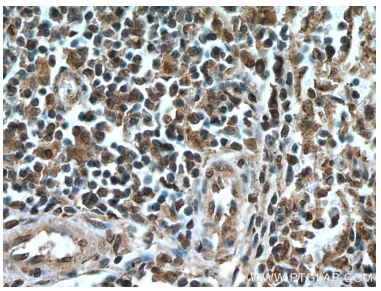
*** Les 20ul contiennent 0,1% de BSA.

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
W: ptglab.com

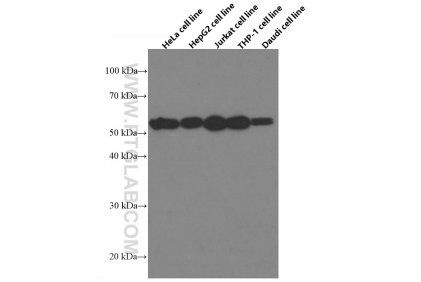
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66670-1-Ig (IRF3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 66670-1-Ig (IRF3 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 66670-1-Ig (IRF3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.