

Nur für Forschungszwecke

IRF3 Monoklonaler Antikörper

Katalog-Nr.: 66670-1-Ig **4 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66670-1-Ig	GenBank-Zugangsnummer: BC009395	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1100 µg/ml von 3661 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 3661	CloneNo.: 1E6G8
Wirt: Maus	Vollständiger Name: interferon regulatory factor 3	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:250-1:1000
Isotyp: IgG1	Berechnete Masse: 47 kDa	
Immunogen Katalognummer: AG27223	Beobachtete Masse: 50-60 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB: HeLa-Zellen, Daudi-Zellen, HepG2-Zellen, Jurkat-Zellen, MOLT-4-Zellen, THP-1-Zellen
In Publikationen genannte Anwendungen: IF, WB	IHC: humanes Milzgewebe, humanes Tonsillitisgewebe
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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 IKKε 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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

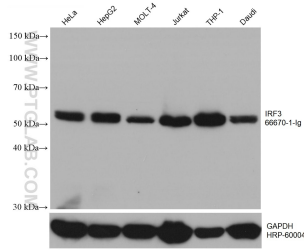
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

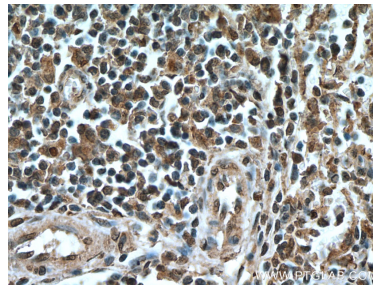
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
W: ptglab.com

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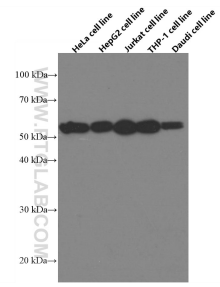
Ausgewählte Validierungsdaten



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