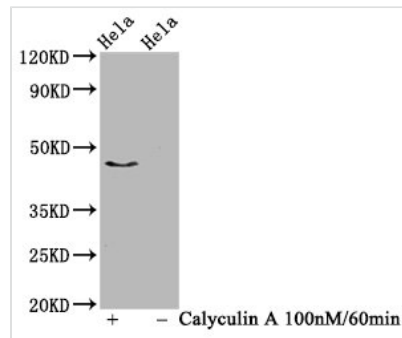




# Phospho-IRF3 (S386) Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA011818A386phHU
<b>Abbreviation</b>	Interferon regulatory factor 3
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q14653
<b>Immunogen</b>	A synthesized peptide derived from Human Phospho-IRF3 (S386)
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB; Recommended dilution: WB:1:500-1:5000
<b>Relevance</b>	<p>Key transcriptional regulator of type I interferon (IFN)-dependent immune responses which plays a critical role in the innate immune response against DNA and RNA viruses. Regulates the transcription of type I IFN genes (IFN-alpha and IFN-beta) and IFN-stimulated genes (ISG) by binding to an interferon-stimulated response element (ISRE) in their promoters. Acts as a more potent activator of the IFN-beta (IFNB) gene than the IFN-alpha (IFNA) gene and plays a critical role in both the early and late phases of the IFNA/B gene induction. Found in an inactive form in the cytoplasm of uninfected cells and following viral infection, double-stranded RNA (dsRNA), or toll-like receptor (TLR) signaling, is phosphorylated by IKBKE and TBK1 kinases. This induces a conformational change, leading to its dimerization and 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. Can activate distinct gene expression programs in macrophages and can induce significant apoptosis in primary macrophages.</p>
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Alias</b>	Interferon regulatory factor 3, IRF-3, IRF3
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Immunology
<b>Target Names</b>	IRF3
<b>Clone No.</b>	4H10
<b>Image</b>	

**Western Blot**

Positive WB detected in HeLa whole cell lysate (treated with Calyculin A or not)

All lanes Phospho-IRF3 antibody at 1.03 μg/ml  
Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 47 KDa

Observed band size: 47 KDa

**Usage**

For Research Use Only. Not for use in diagnostic or therapeutic procedures.