

## IFNAR1 (Ser535/539) Antibody

**Subcategory:** Phosphospecific Antibody, Rabbit Polyclonal Antibody

**Cat. No.:** 252551

**Unit:** 0.1 ml

### Description:

Interferon- $\alpha$  Receptor, Type I, Subunit I (IFNAR1) associates with IFNAR2 to form the type I interferon receptor. This interferon receptor is a receptor for interferons alpha and beta. Binding to type I IFNs triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and IFN $\alpha$ - and beta-subunits themselves. IFN receptors are present in all tissues and even on the surface of most IFN-resistant cells. Down regulation of IFNAR1 is influenced by phosphorylation of Serine 535 and 539.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** B, D, H, Mk, M, R, Sh

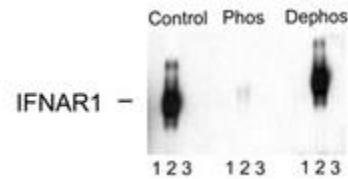
**Format:** Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** Interferon alpha/beta receptor 1; FN-R-1; IFN-alpha/beta receptor 1; Cytokine receptor class-II member 1; Cytokine receptor family 2 member 1; CRF2-1 Type I interferon receptor 1; IFNAR1; IFNAR

**Accession No.:** P17181

**Antigen:** KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser535/539 of human interferon- $\alpha$  receptor, type I, subunit I.

**Application Notes:** MW of phosphorylated IFNAR1 is observed at 110-130 kDa depending on cell lines due to different glycosylation patterns. E: 1:1,000; WB: 1:1,000; IHC: 1:1,000



The IFNAR1 (Ser535/539) Antibody (Cat. No. 252551) is used in Western blot to detect IFNAR1 phosphorylated on Ser535/539 in HEK293 cells transfected with a mock plasmid (1), wt IFNAR1 (2), or IFNAR1 mut S535A/S539A (3). Signal is blocked by phosphorylated peptide (Phos) but not by the corresponding nonphospho-peptide (Dephos).

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.