

## INTERFERON ALPHA/BETA RECEPTOR 1 RABBIT MAB

**Cat.#:** N262419

**Product Name:** Anti-Interferon alpha/beta Receptor 1 Rabbit Monoclonal Antibody

**Synonyms:** IFNAR1; IFNAR; Interferon alpha/beta receptor 1; IFN-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

**UNIPROT ID:** P17181

**Background:** Component of the receptor for type I interferons, including interferons alpha, IFN $\beta$ 1 and IFN $\omega$ 1. Functions in general as heterodimer with IFNAR2. Type I interferon binding activates the JAK-STAT signaling cascade, and triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and the IFNR alpha- and beta-subunits themselves. Can form an active IFN $\beta$ 1 receptor by itself and activate a signaling cascade that does not involve activation of the JAK-STAT pathway.

**Immunogen:** A synthetic peptide of human Interferon alpha/beta receptor 1

**Applications:** WB,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R09-7D6

**MW:** Calculated MW: 64 kDa; Observed MW: 110-130 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

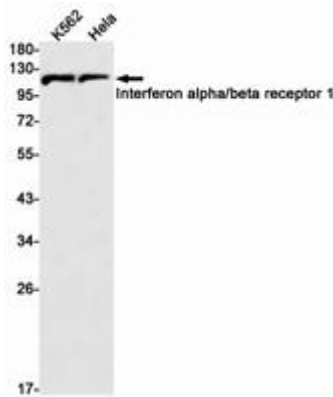
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg $^{2+}$  and Ca $^{2+}$ ), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Immunology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Interferon alpha/beta receptor 1 in K562, HeLa lysates using Interferon alpha/beta Receptor 1 antibody.