

**Product Name: Interferon alpha/beta Receptor 1 Rabbit  
Monoclonal Antibody**  
**Catalog #: AMRe85714**

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## Summary

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| <b>Production Name</b> | Interferon alpha/beta Receptor 1 Rabbit Monoclonal Antibody |
| <b>Description</b>     | Rabbit Monoclonal antibody                                  |
| <b>Host</b>            | Rabbit                                                      |
| <b>Application</b>     | WB,IP                                                       |
| <b>Reactivity</b>      | Human                                                       |

## Performance

|                     |                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                 |
| <b>Modification</b> | Unmodified                                                                                   |
| <b>Isotype</b>      | IgG                                                                                          |
| <b>Clonality</b>    | Monoclonal                                                                                   |
| <b>Form</b>         | Liquid                                                                                       |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.     |
| <b>Buffer</b>       | Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol. |
| <b>Purification</b> | Affinity Purification                                                                        |

## Immunogen

|                          |                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | Interferon alpha/beta Receptor 1<br>IFNAR1; IFNAR; Interferon alpha/beta receptor 1; IFN-R-1; IFN-alpha/beta receptor 1; |
| <b>Alternative Names</b> | Cytokine receptor class-II member 1; Cytokine receptor family 2 member 1; CRF2-1;<br>Type I interferon receptor 1        |
| <b>Gene ID</b>           | 3454.0                                                                                                                   |
| <b>SwissProt ID</b>      | P17181. A synthetic peptide of human Interferon alpha/beta receptor 1                                                    |

## Application

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| <b>Dilution Ratio</b>   | WB:1:500-1:1000, IP:1:10-1:20                   |
| <b>Molecular Weight</b> | Calculated MW: 64 kDa; Observed MW: 110-130 kDa |

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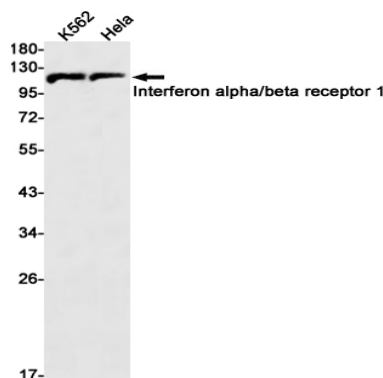
## Background

Component of the receptor for type I interferons, including interferons alpha, IFNB1 and IFNW1. 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 IFNB1 receptor by itself and activate a signaling cascade that does not involve activation of the JAK-STAT pathway.

## Research Area

PI3K-Akt signaling pathway

## Image Data



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

## Note

For research use only.