

## 36-2521: Anti-Interferon alpha-1 (IFNA1) Monoclonal Antibody(Clone: Feb-48)

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Monoclonal  |
| <b>Clone Name :</b>            | Feb-48  |
| <b>Application :</b>           | FACS,WB,IHC,IF  |
| <b>Reactivity :</b>            | Human   |
| <b>Gene :</b>                  | IFNA1   |
| <b>Gene ID :</b>               | 3439  |
| <b>Uniprot ID :</b>            | P01562  |
| <b>Alternative Name :</b>      | IFN alpha; IFN alpha 1/13; IFN alpha 1b; Interferon alpha 13 (IFNA13); Interferon alpha leukocyte (IFL); Interferon alpha-1/13 (IFN-alpha-1/13); Interferon alpha-D (IFN alphaD); Interferon alpha1 (IFNA1); LeIF D |
| <b>Isotype :</b>               | Mouse IgG1, kappa   |
| <b>Immunogen Information :</b> | Purified recombinant human IFN-alpha1   |

### Description

This MAb is specific for human interferon alpha 1 and does not cross react with human interferon alpha 2. Interferons are widely used therapeutic agents because of their anti-tumor and anti-viral effects and because of their modulatory effects on the immune system. These cytokines produce their effects by binding to the Type 1 Interferon- Receptor (IFNAR1). Down regulation of this receptor plays a key role in determining the magnitude and duration of cytokine signaling. This down regulation is influenced by phosphorylation of Serine 535 and 539 in the IFNAR1.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg / 100 µg  |
| <b>Content :</b>           | 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| <b>Storage condition :</b> | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.                               |

### Application Note

Flow Cytometry (1-2ug/million cells); Western Blot (1-2ug/ml); Immunohistochemistry (frozen); Immunofluorescence (1-2ug/ml);

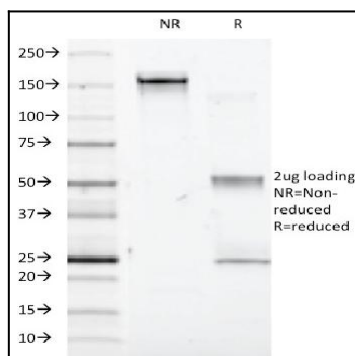


Fig. 1: SDS-PAGE Analysis Purified Interferon alpha-1 Mouse Monoclonal Antibody (2-48). Confirmation of Purity and Integrity of Antibody.