



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08349 - Goat Anti-IFNAR2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** IFNAR2, interferon (alpha, beta and omega) receptor 2, IFN-R, IFN-alpha-REC, IFNABR, IFNARB

**Official Symbol:** IFNAR2

**Accession Number(s):** NP\_000865.2 ; NP\_997467.1; NP\_997468.1

**Human GeneID(s):** [3455](#)

**Important Comments:** This antibody is expected to recognise all three reported isoforms (NP\_000865.2 ; NP\_997467.1; NP\_997468.1 )

### Immunogen

Peptide with sequence SYDSPDYTDESCT, from the internal region of the protein sequence according to NP\_000865.2 ; NP\_997467.1; NP\_997468.1 .

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Preliminary experiments gave an approx 28kDa band in Human Uterus lysates after 0.2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 37.4kDa according to NP\_000865.2. The 28kDa band was successfully blocked by incubation with the immunizing peptide.

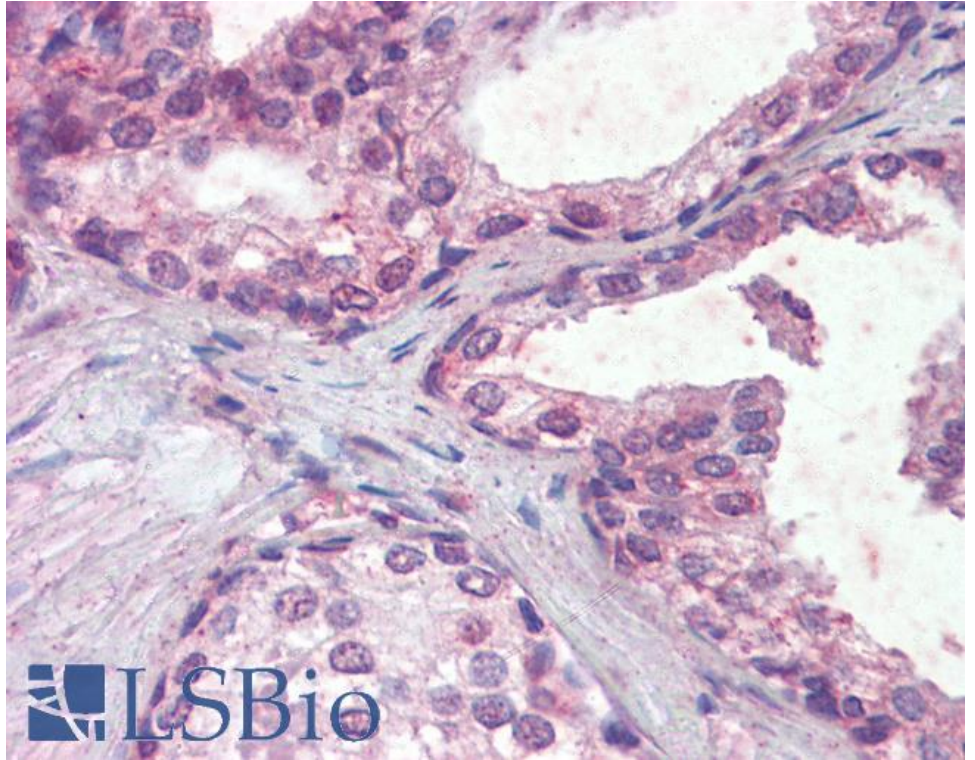
**IHC:** Paraffin embedded Human Prostate and Placenta. Recommended concentration: 5µg/ml.

**Flow Cytometry:** Flow cytometric analysis of K562 cells. Recommended concentration: 10ug/ml.

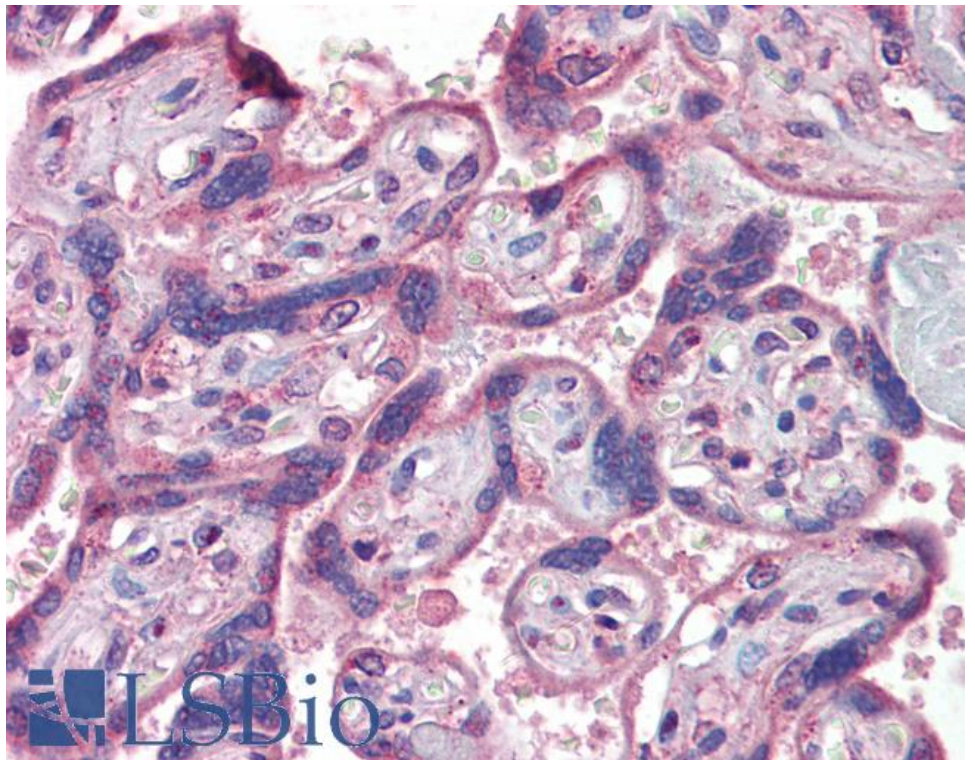
### Species Reactivity

**Tested:** Human

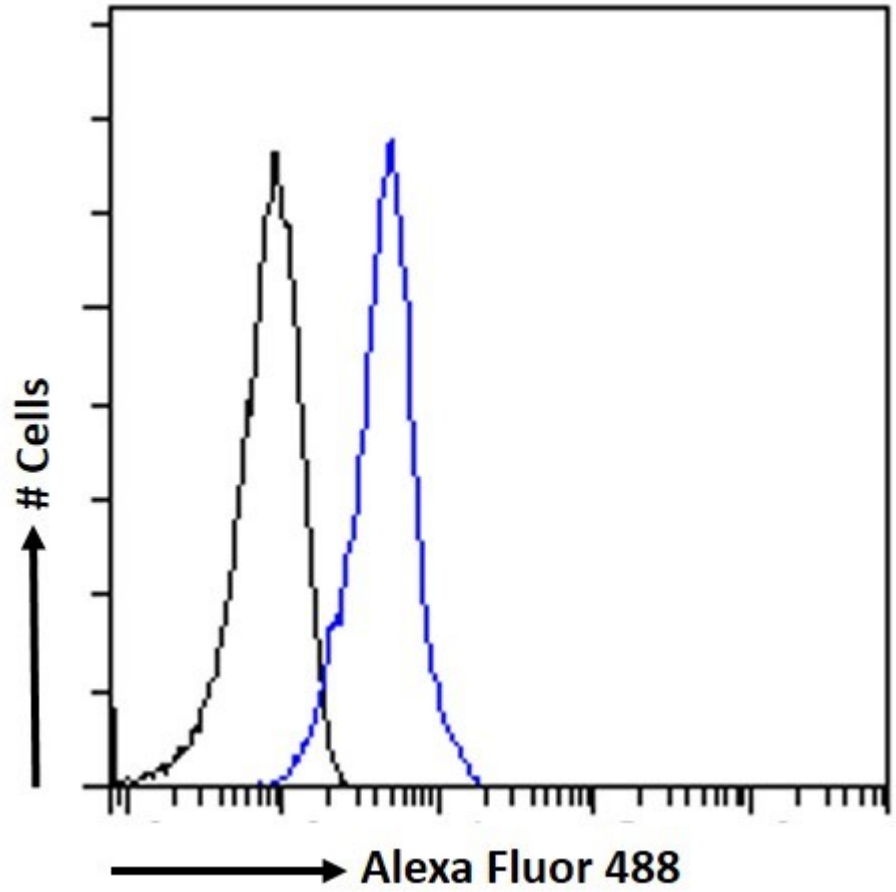
**Expected from sequence similarity:** Human



EB08349 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



EB08349 (5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08349 Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.