

## Product Datasheet

### STAT2 (phospho-Y690) antibody (orb345630)

## Description

STAT2 (phospho-Y690) antibody

IFN- $\alpha$

- +

## Species/Host

Rabbit

## Reactivity

Human, Mouse

## Conjugation

Unconjugated

## Tested

ELISA, IHC, WB

## Applications

## Immunogen

This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a C-terminus region near phospho Tyrosine 690 of human STAT2 protein.

Western blot analysis of Jurkat cells wi...

## Preservatives

0.01% (w/v) Sodium Azide

## Form/Appearance

Liquid (sterile filtered)

## Concentration

1.15 mg/mL

## Storage

Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25  $\mu$ L). To minimize loss of volume dilute 1:10 by adding 225  $\mu$ L of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

## Note

For research use only

## Application notes

This affinity purified antibody has been tested for use in ELISA, western blotting, and IHC. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 113 kDa in size corresponding to STAT2 pY690 protein by western blotting in the appropriate cell lysate or extract.

## Isotype

IgG

## Clonality

Polyclonal

## Purity

This affinity purified antibody is directed against human STAT2 pY690 protein. The product was affinity purified from monospecific antiserum by immunoaffinity chromatography. A BLAST analysis was used to suggest cross-reactivity with STAT2 pY690 protein from human, rat (73%) and mouse (76%), sources based on homology with the immunizing sequence. Reactivity against

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## Dilution Range

ELISA: 1:85,000, IHC: 1:100, WB: 1:500 – 1:1000