

IL1R2 polyclonal antibody

Catalog: BS62076

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Non-signaling receptor for IL1A, IL1B and IL1RN. Reduces IL1B activities. Serves as a decoy receptor by competitive binding to IL1B and preventing its binding to IL1R1. Also modulates cellular response through non-signaling association with IL1RAP after binding to IL1B. IL1R2 (membrane and secreted forms) preferentially binds IL1B and poorly IL1A and IL1RN. The secreted IL1R2 recruits secreted IL1RAP with high affinity; this complex formation may be the dominant mechanism for neutralization of IL1B by secreted/soluble receptors.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 45 kDa

Swiss-Prot:

P27930

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

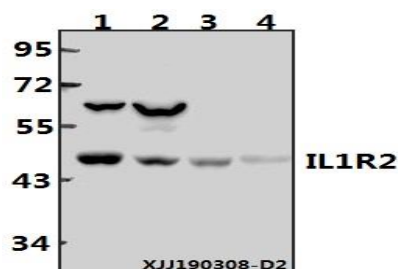
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

IL1R2 polyclonal antibody detects endogenous levels of IL1R2 protein.

DATA:



Western blot (WB) analysis of IL1R2 polyclonal antibody at 1:500 dilution

Lane1: Jurkat whole cell lysate (20 µg)

Lane2: HEK293T whole cell lysate (40 µg)

Lane3: The Kidney tissue lysate of Rat (40 µg)

Lane4: The Heart tissue lysate of Mouse (40 µg)

Note:

For research use only, not for use in diagnostic procedure.

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