

Anti-IL-1RacP (CT) Antibody

ORDERING INFORMATION

Catalog No.: 2131

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

Cellular responses induced by the pro-inflammatory cytokine IL-1 require two subunits of the IL-1 receptor, IL-1 receptor 1 (IL-1R1) and IL-1 receptor accessory protein (IL-1RacP). IL-1RacP forms a complex with IL-1R1 in response to IL-1 treatment. IL-1 receptor-associated kinase (IRAK) mediates activation of NF- κ B inducing kinase (NIK) and NF- κ B and associates with the IL-1R complex through IL-1RacP. IL-1 activation of stress-activated protein kinase and of acid sphingomyelinase also requires IL-1RacP. Like IL-1R1, the IL-1RacP subunit is essential for IL-1 mediated cellular responses. IL-1RacP is expressed in a variety of tissues.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 549-569 of human IL-1RacP. The sequence differs from mouse IL-1RacP by three amino acids.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human IL-1RacP (66 kD). No cross-reactivity with other members of the IL-1 receptor family.

APPLICATIONS

Immunoblotting: use at 1:500-1:1,000 dilution.

Positive control: Whole cell lysate from HeLa cells.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.