

Anti-IRAK-M Antibody

ORDERING INFORMATION

Catalog No.: 2355

Size: 100 ug IgG in 200 ul PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

Interleukin-1 (IL-1) and lipopolysaccharide (LPS) induce cellular responses through IL-1 receptor and Toll-like receptors. IL-1 receptor-associated kinases (IRAK and IRAK2) mediate the activation of NF- κ B by IL-1/Toll receptors, a key step in inflammatory and immune responses. A novel member of the IRAK family, IRAK-M, is a dominant negative mutant of IRAK and inhibits IL-1 or LPS induced NF- κ B activation.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 581-596 of human IRAK-M.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human, mouse, and rat IRAK-M (68 kD). No cross-reactivity with IRAK or IRAK2.

APPLICATIONS

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

Positive control: Tissue lysate from mouse spleen or rat kidney.

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.

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