
IRAK (1F12C1) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253284

Unit: 0.1 mg

Description:

Nuclear factor kappa B (NF-kappaB) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF-kappaB mediates the expression of a great variety of genes in response to extracellular stimuli including IL-1, TNFalpha and LPS. A serine/threonine protein kinase associated with IL-1 receptor (IRAK) and its homologue mouse pelle-like protein kinase (mPLK) were identified recently. IRAK is associated with the IL-1 receptor subunits IL-1RI and IL-1RAcP after IL-1 binding and serves as a signaling molecule to mediate IL-1 response. IRAK mediates a signaling cascade leading to NF-kB activation by members in IL-1 family including IL-1 and a novel cytokine IL-18 (also termed IGIF).

Isotype: mouse IgG1

Applications: E, WB, IHC

Species Reactivity: H, M

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.02% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: IRAK; IL-1-Receptor Associated Kinase

Accession No.: P51617

Antigen: Amino acids 618 - 712 of human IRAK.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at 4°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.