

Product: **Anti-IRAK**
Catalog #: **12-1007**
Amount: **25 mg**

CATEGORY:
DESCRIPTION:

Rabbit Polyclonal

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 cascade leading to NF-κB activation by members in IL-1 family including IL-1 and a novel cytokine IL-18 (IGIF).

IMMUNOGEN:

A peptide corresponding to amino acids 700 to 712 of human IRAK

FORM:

Purified Ig Fraction in PBS containing 0.02% Sodium Azide

APPLICATION:

Immunoblotting (min. dilution 1:500)

Immunoprecipitation (2-4µg per sample)

REACTIVITY/SPECIES:

Human (no cross reactivity with IRAK2)

RECOMMENDED FOR

POSITIVE CONTROL:

HeLa cells or whole lysate from THP-1

STORAGE:

2-8°C for immediate use, or at -20°C (aliquot)

12-1007P Blocking peptide available

REFERENCES:

Cao, Z. et al. (1996) Science **271**: 1128-1131

Trofimova, M. et al. (1996) J. Biol. Chem. **271**: 17609-17612

Huang, J. et al. (1997) Proc. Natl. Acad. Sci. USA, **94**: 12829-12832

Robinson, D. et al. (1997) Immunity **7**: 571-581

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