



## IRAK1 (Phospho-Thr100) Antibody

E11-1073A

**Catalog Number:** E11-1073A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P51617

**Other Names:** EC 2.7.11.1, IL1RAK, IRAK, IRAK-1, Interleukin-1 receptor-associated kinase 1, Pelle-like protein kinase, kinase IRAK1, mPLK

**All Sites:** Human: Thr100; Mouse: Thr100

**Storage/Stability:** Store at -20°C/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human IRAK1 around the phosphorylation site of threonine 100 (I-I-T<sup>P</sup>-A-W).

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

**Specificity:** IRAK1 (Phospho-Thr100) antibody detects endogenous levels of IRAK1 only when phosphorylated at threonine 100.

**Reactivity:** Human, Mouse

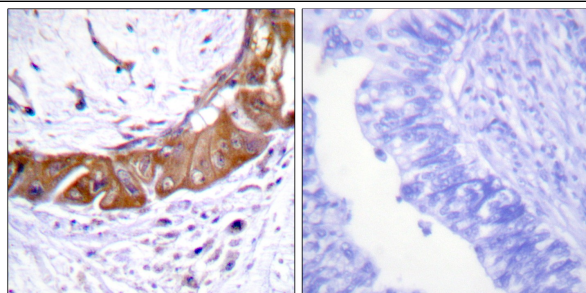
**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100  
ELISA: 1:20000

### References:

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

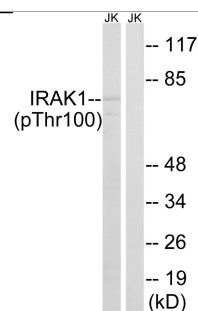
Reichwald K., Mamm. Genome 11:182-190(2000).

Jensen L.E., J. Biol. Chem. 276:29037-29044(2001).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using IRAK1 (Phospho-Thr100) antibody.



heat shock + +  
P-peptide - +

Western blot analysis of extracts from Jurkat cells, treated with heat shock, using IRAK1 (Phospho-Thr100) antibody.

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