



AurB (Phospho-Tyr12) Antibody

E11-1133A

Catalog Number: E11-1133A

Concentration: 1mg/ml

Swiss-Prot No.: Q96GD4

Other Names: AIK2, AIM-1, AIM1, ARK2, AURKB, Aurora- and Ipl1-like midbody-associated protein 1, Aurora-B, Aurora-related kinase 2, Aurora/IPL1-related kinase 2, EC 2.7.11.1, STK-1, STK12, Serine/threonine protein kinase 12

All Sites: Human: Tyr12; Mouse: Tyr12; Rat: Tyr12

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

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human AurB around the phosphorylation site of tyrosine 12 (W-P-Y^P-G-R).

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: AurB (Phospho-Tyr12) antibody detects endogenous levels of AurB only when phosphorylated at tyrosine 12.

Reactivity: Human, Mouse, Rat

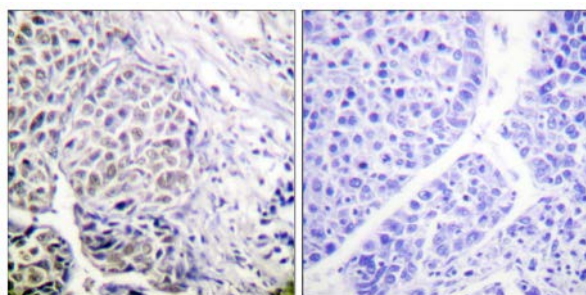
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000

References:

Shindo M., Biochem. Biophys. Res. Commun. 244:285-292(1998).

Kimura M., Cytogenet. Cell Genet. 82:147-152(1998).

Nousiainen M., Proc. Natl. Acad. Sci. U.S.A. 103:5391-5396(2006).

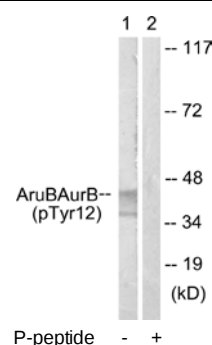


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using AurB (Phospho-Tyr12) antibody.



P-peptide

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Western blot analysis of extracts from HepG2 cells, using AurB (Phospho-Tyr12) antibody.

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