



AurB (Ab-12) Antibody

E11-1133B

Catalog Number: E11-1133B

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

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 non-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 immunogen.

Specificity: AurB (Ab-12) antibody detects endogenous levels of total AurB protein.

Reactivity: Human, Mouse, Rat

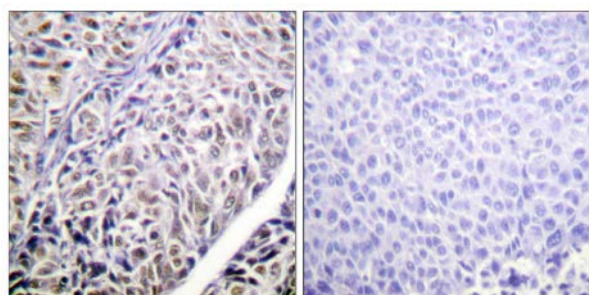
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:5000

References:

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

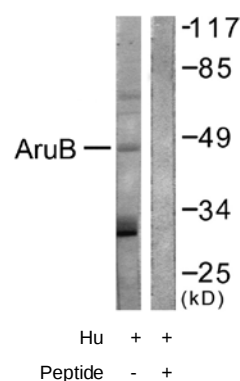
Kimura M., Cytogenet. Cell Genet. 82:147-152(1998).

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



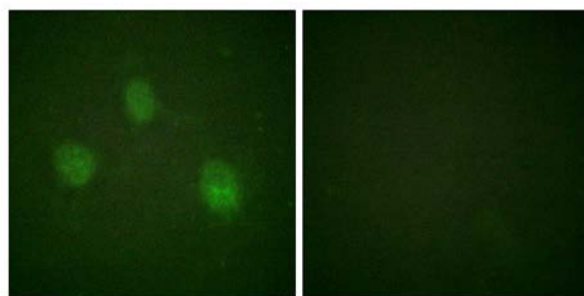
Peptide - +

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using AurB (Ab-12) antibody.



Western blot analysis of extracts from Raw264.7 cells, treated with Hu (2nM, 24hours), using AurB (Ab-12) antibody.

For Research Use Only



Forskolin

+

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Immunofluorescence analysis of HeLa cells, treated with Forskolin (40nM, 30mins), using AurB (Ab-12) antibody.