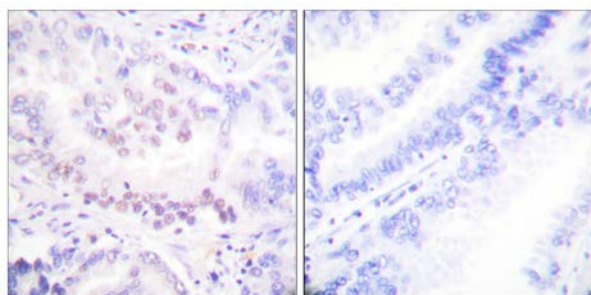




## AML1 (Phospho-Ser303) Antibody

E11-0409A

- Catalog Number:** E11-0409A
- Amount:** 100µg/100µl
- Swiss-Prot No. :** Q01196
- All Names:** Acute myeloid leukemia 1 protein, CBF-alpha 2, CBFA2, Core-binding factor, alpha 2 subunit, Oncogene AML-1, PEA2-alpha B, PEBP2-alpha B, Polyomavirus enhancer binding protein 2 alpha B subunit, RUN1, RUNX1, Runt-related transcription factor 1, SL3-3 enhancer factor 1 alpha B subunit, SL3/AKV core-binding factor alpha B subunit
- All Sites:** Human:Ser303; Mouse: Ser276
- 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.
- Storage/Stability:** Store at -20°C/1 year
- Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human AML-1/RUNX1 around the phosphorylation site of serine 303 (P-I-S<sup>P</sup>-P-G).
- 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/Sensitivity:** AML1 (Phospho-Ser303) antibody detects endogenous levels of AML-1/RUNX1 only when phosphorylated at serine 303.
- Reactivity:** Human, Mouse
- Applications:** WB: 1:500~1:1000      IHC: 1:50~100  
ELISA: 1:5000
- References:** S Meyers, Mol. Cell. Biol., Oct 1993; 13: 6336 - 6345.  
Chaitali Banerjee, PNAS, May 1996; 93: 4968.  
Jennifer J. Westendorf, Mol. Cell. Biol., Jan 1998; 18: 322 - 333.  
Ari Melnick, Blood, Dec 2000; 96: 3939 - 3947.

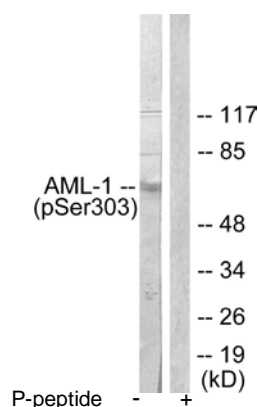


P-peptide

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Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using AML1 (Phospho-Ser303) Antibody (#A0409).



P-peptide

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Western blot analysis of extracts from Jurkat cells, using AML1 (Phospho-Ser303) Antibody (#A0409).

**For Research Use Only**