



## ALOX5 (Phospho-Ser523) Antibody

E11-8487A

**Catalog Number:** E11-8487A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P09917

**Other Names:** 5-lipoxygenase; 5-LO; 5-LOX; 5LPG; ALOX5; Arachidonate 5-lipoxygenase; arachidonic acid 5-lipoxygenase; leukotriene A4 synthase; LOG5; LOX5; MGC163204

**All Sites:** Human: Ser524; Rat: Ser523

**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 ALOX5 around the phosphorylation site of serine523.

**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:** ALOX5 (Phospho-Ser523) Antibody detects endogenous levels of ALOX5 only when phosphorylated at serine523.

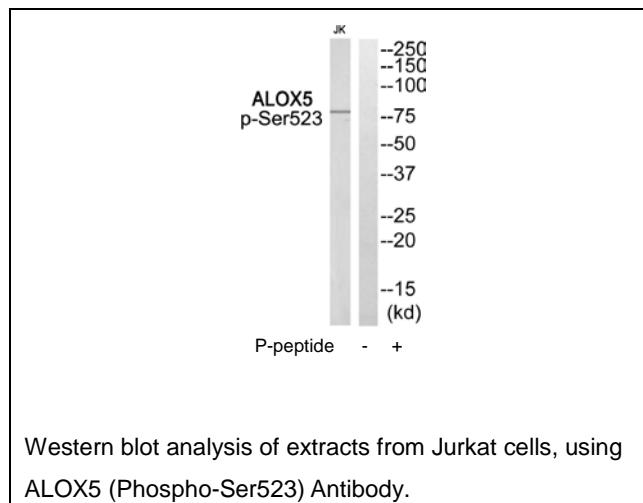
**Reactivity:** Human; Rat

**Applications:** WB: 1:500~1:1000 ELISA: 1:5000

**References:**

Deloukas P., Nature 429:375-381(2004).

Dixon R.A.F., Proc. Natl. Acad. Sci. U.S.A. 85:416-420(1988).



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