



BLK (Phospho-Tyr501) Antibody

E11-8081A

Catalog Number: E11-8081A

Concentration: 1mg/ml

Swiss-Prot No.: P51451

Other Names: B lymphocyte kinase; EC 2.7.10.2; kinase Blk; p55-BLK; Tyrosine-protein kinase BLK

All Sites: Human: Tyr501; Mouse: Tyr495; Rat: Tyr495

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

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human BLK around the phosphorylation site of tyrosine 501 (R-Q-Y^P-E-L).

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: BLK (Phospho-Tyr501) antibody detects endogenous levels of BLK only when phosphorylated at tyrosine 501.

Reactivity: Human (Identities = 100%, Positives = 100%); Mouse (Identities = 91%, Positives = 91%); Rat (Identities = 91%, Positives = 91%)

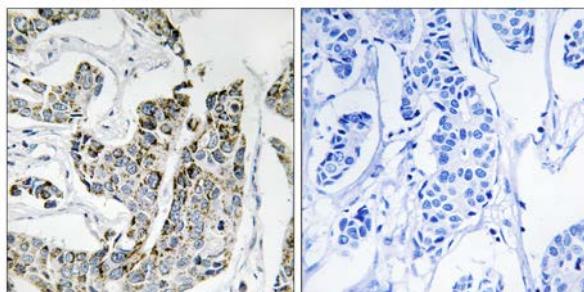
Applications: IHC: 1:50~1:100 ELISA: 1:20000

References:

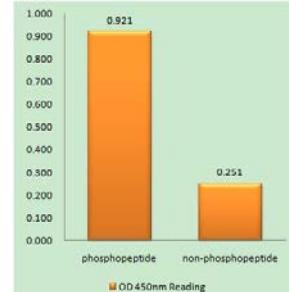
Islam K.B., J. Immunol. 154:1265-1272(1995).

Drebin J.A., Oncogene 10:477-486(1995).

Greenman C., Nature 446:153-158(2007).



P-peptide +
 Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using BLK (Phospho-Tyr501) antibody.



BLK (Phospho-Tyr501) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.