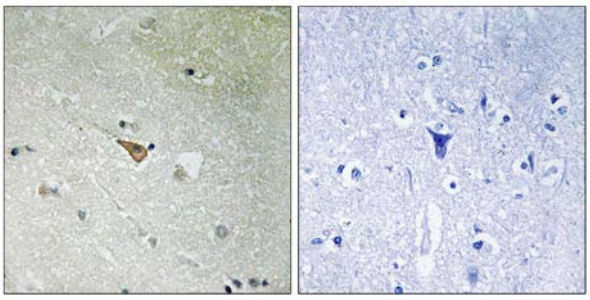
ALK (Phospho-Tyr1096) Antibody

E11-8077A

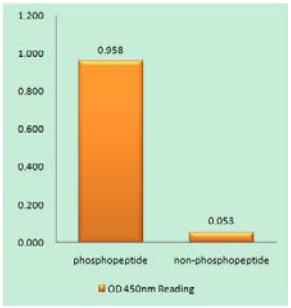
Catalog Number: E11-8077A
Concentration: 1mg/ml
Swiss-Prot No.: Q9UM73
Other Names: ALK tyrosine kinase receptor; anaplastic lymphoma kinase; anaplastic lymphoma kinase (Ki-1); CD246; EC 2.7.10.1; kinase ALK
All Sites: Human: Tyr1096; Mouse: Tyr1100
Storage/Stability: Store at -20 ℃/1 year
Form of Antibody: 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 ALK around the phosphorylation site of tyrosine 1096 (P-N-Y^P-C-F).
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: ALK (Phospho-Tyr1096) antibody detects endogenous levels of ALK only when phosphorylated at tyrosine 1096.
Reactivity: Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%)
Applications: IHC: 1:50~1:100 ELISA: 1:20000
References:

Morris S.W., Oncogene 14:2175-2188(1997).
Morris S.W., Oncogene 15:2883-2883(1997).
Iwahara T., Oncogene 14:439-449(1997).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using ALK (Phospho-Tyr1096) antibody.



ALK (Phospho-Tyr1096) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

For Research Use Only