

anti-Human, Mouse ALK Antibody | anti-ALK antibody

ALK (Phospho-Tyr1096) Antibody

CATALOG # AAA110814	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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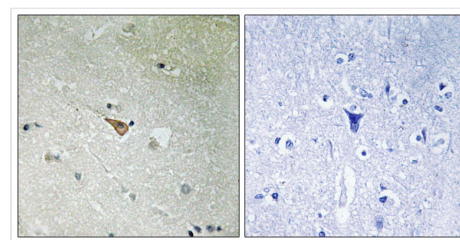
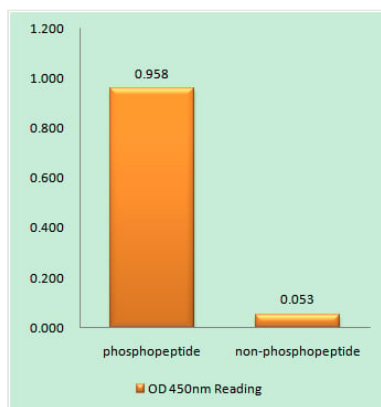
PRODUCT SYNONYMS

ALK; ALK (Phospho-Tyr1096) Antibody; ALK tyrosine kinase receptor; anaplastic lymphoma kinase; anaplastic lymphoma kinase (Ki-1); CD246; EC 2.7.10.1; kinase ALK; anti-ALK antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	ALK (Phospho-Tyr1096) antibody detects endogenous levels of ALK only when phosphorylated at tyrosine 1096.
Purity/Purification	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.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1620
Applicable Applications for anti-ALK antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ALK around the phosphorylation site of tyrosine 1096 (P-N-YP-C-F).
All Sites	Human: Tyr1096 Mouse: Tyr1100
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

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.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ALK antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Morris S.W., Oncogene 14:2175-2188(1997). Morris S.W., Oncogene 15:2883-2883(1997). Iwahara T., Oncogene 14:439-449(1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	29029632
NCBI GeneID	238
NCBI Accession #	NP_004295.2
NCBI GenBank Nucleotide #	NM_004304.4
UniProt Accession #	Q9UM73; Q4ZFX9; Q53QQ6; Q53RZ4; Q59FI3; Q9Y4K6
Molecular Weight	176,442 Da
NCBI Official Full Name	ALK tyrosine kinase receptor isoform 1
NCBI Official Synonym Full Names	ALK receptor tyrosine kinase
NCBI Official Symbol	ALK
NCBI Official Synonym Symbols	CD246; NBLST3
NCBI Protein Information	ALK tyrosine kinase receptor
UniProt Protein Name	ALK tyrosine kinase receptor
UniProt Gene Name	ALK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/alk/110814>