

Mouse ALK, CD246 Monoclonal Antibody | anti-ALK, CD246 antibody

ALK, CD246 Mouse Monoclonal

CATALOG # AAA102679	HOST Mouse	REACTIVITY Human; other species are not tested.	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

ALK; CD246; Monoclonal Antibody; CD246 Mouse Monoclonal; ALK tyrosine kinase receptor; Anaplastic lymphoma kinase; TFG/ALK; anti-ALK; CD246 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human; other species are not tested.
Clonality	Monoclonal
Isotype	IgG2a
Specificity	Please decide specificity by homology.
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid PBS with 0.02% Sodium azide and 50% Glycerol pH 7.3
Sequence Length	1620
Applicable Applications for anti-ALK, CD246 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Anaplastic lymphoma receptor tyrosine kinase
Calculated MW	176 kDa
Preparation and Storage	Store at -20°C for 24 months (Avoid repeated freeze/ thaw cycles)

IMAGES


WB (Western Blot)

Recombinant protein were subjected to SDS PAGE followed by western blot with AAA102679 (ALK,CD246 Antibody) at dilution of 1:1000


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lymphoma slide using AAA102679 (ALK,CD246 Antibody) at dilution of 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-ALK, CD246 antibody

ALK, also named as CD246, is a receptor tyrosine kinase(RTK) that belongs to the protein kinase superfamily. ALK is usually found in the nervous system and appears to play an important role in the normal development and function of the nervous system. ALK was originally identified as part of the NPM(Nucleophosmin)-ALK oncogenic fusion protein, resulting from the(2;5)(p23;q35)translocation that is frequently associated with anaplastic large-cell lymphoma(ALCL). TheEML4(echinoderm microtubule-associated protein-like 4)-ALK fusion protein have been described in non-small-cell lung cancer(NSCLC), this transforming fusion kinase is a promising candidate for a therapeutic target as well as for a molecular marker in NSCLC(PMID: 17625570).

NCBI AND UNIPROT INFORMATION

NCBI GI #	29029632
NCBI GeneID	238
NCBI Accession #	NP_004295.2
NCBI GenBank Nucleotide #	NM_004304.4
NCBI Official Full Name	ALK tyrosine kinase receptor
NCBI Official Synonym Full Names	anaplastic lymphoma 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
UniProt Entry Name	ALK_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/alk-cd246-antibody-western-blot-immunohistochemistry-elisa/102679>