

Anti-ALK Antibody [ALK1/6698R] (A277987)

Specifications:

Name:	Anti-ALK Antibody [ALK1/6698R]
Description:	Recombinant rabbit monoclonal [ALK1/6698R] antibody to ALK.
Specificity:	Anaplastic lymphoma kinase (ALK) is a receptor tyrosine kinase of the insulin receptor superfamily. ALK is typically expressed at low levels in regions of the developing central and peripheral nervous system. ALK may be activated in cancer through multiple mechanisms. The most common mechanism is through formation of a fusion protein from chromosomal translocations, as in the case of anaplastic large cell lymphoma (ALCL) and inflammatory myo-fibroblastic tumors. ALK may also be amplified through mutation, as in neuroblastomas. Various solid tumors, such as non-small cell lung carcinoma (NSCLC) and brain cancers were also found to aberrantly express ALK. ALK staining is present within both the nucleus and cytoplasm, and are positive in about 60% of ALCL. ALK protein expression by tumor cells is an independent prognostic factor that predicts a favorable outcome.
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 1,058-1,620, of human ALK. The exact sequence is proprietary.
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	ALK1/6698R
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-ALK Antibody [ALK1/6698R] - BSA and Azide free (A278575).

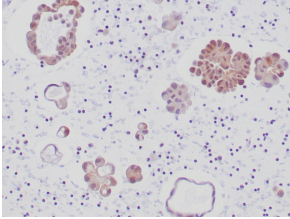
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Specifications continued:

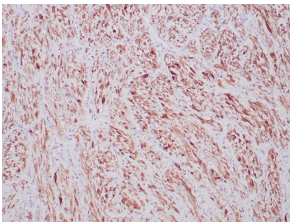
Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

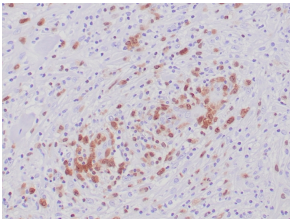
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lung adenocarcinoma tissue using Anti-ALK Antibody [ALK1/6698R] at 2 μ g/ml.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human inflammatory myofibroblastic tumor tissue using Anti-ALK Antibody [ALK1/6698R] at 2 μ g/ml.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human anaplastic large cell lymphoma tissue using Anti-ALK Antibody [ALK1/6698R] at 2 μ g/ml.