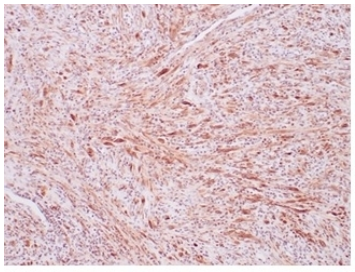
Recombinant ALK Antibody / Anaplastic Lymphoma Kinase [clone ALK1/7008R] (V8859)

Catalog No.	Formulation	Size
V8859-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8859-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8859SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

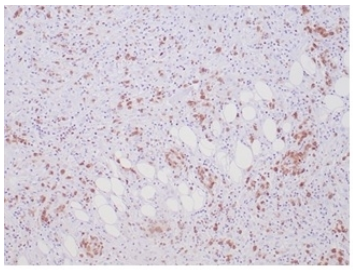
Recombinant RABBIT MONOCLONAL

Bulk quote request

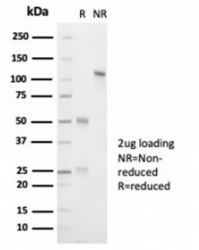
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	ALK1/7008R
Purity	Protein A/G affinity
UniProt	Q9UM73
Localization	Cytoplasm, Nuclear
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant ALK antibody is available for research use only.



ALK Antibody IMT Spindle Cell IHC. Immunohistochemistry staining of FFPE human inflammatory myofibroblastic tumor tissue using recombinant monoclonal clone ALK1/7008R demonstrates diffuse cytoplasmic HRP-DAB brown staining within spindle-shaped myofibroblastic tumor cells arranged in fascicular stromal patterns. The observed staining profile supports expression of ALK fusion-associated kinase protein in inflammatory myofibroblastic tumor-associated mesenchymal cellular populations. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



ALK Antibody ALCL Stromal Interface IHC. Immunohistochemistry staining of FFPE human anaplastic large cell lymphoma tissue using recombinant monoclonal clone ALK1/7008R demonstrates scattered cytoplasmic HRP-DAB brown staining in malignant lymphoid cells distributed within fibrotic and adipose-associated stromal compartments. The staining pattern is consistent with ALK fusion protein-associated expression in ALK-positive lymphoma and highlights oncogenic kinase signaling within neoplastic hematolymphoid cellular populations. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant ALK antibody (clone ALK1/7008R) as confirmation of integrity and purity.

Description

ALK Antibody detects Anaplastic lymphoma kinase, 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.

For additional ALK and oncogenic kinase research antibodies targeting fusion protein signaling, lung cancer biomarkers, and lymphoma-associated receptor tyrosine kinase pathways, explore the broader ALK Antibody page featuring recombinant rabbit monoclonal clone ALK1/6698R.

Application Notes

Optimal dilution of the recombinant ALK antibody should be determined by the researcher.

Immunogen

Recombinant human ALK protein fragment corresponding to the cytoplasmic domain of the protein was used as the immunogen for the recombinant ALK antibody.

Storage

Aliquot the recombinant ALK antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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