

Product Datasheet

ALK/CD246 Antibody (ALK/1503) [DyLight 550] NBP2-54375R

Unit Size: 100 ul

Store at 4C in the dark.

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NBP2-54375R

ALK/CD246 Antibody (ALK/1503) [DyLight 550]

| Product Information | |
|---------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | ALK/1503 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | DyLight 550 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Description | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Host | Mouse |
| Gene ID | 238 |
| Gene Symbol | ALK |
| Species | Human |
| Reactivity Notes | Others not known. |
| Specificity/Sensitivity | The wild-type anaplastic lymphoma kinase (ALK) protein is a 200kDa transmembrane receptor tyrosine kinase. Its expression is restricted to a few scattered cells in the nervous system (some glial cells and neurons, and a few endothelial cells and pericytes). The hybrid gene, NPM-ALK, created by the t(2;5)(p23;q35) chromosomal translocation encodes part of the nucleolar phosphoprotein, nucleophosmin (NPM), joined to the entire cytoplasmic portion of the anaplastic lymphoma kinase (ALK) receptor tyrosine kinase. As a consequence, the ALK gene comes under the control of the NPM promoter, which induces a permanent and ubiquitous transcription of the NPM-ALK hybrid gene, resulting in the production of a 80kDa NPM-ALK chimeric protein. This translocation is found in anaplastic large cell lymphomas (ALCL). Reportedly, expression of ALK indicates a better prognosis. Approximately 5%-10% of non-small cell lung carcinomas also express ALK protein producing a cytoplasmic staining pattern. This monoclonal antibody also reacts with blood vessels that serves as an internal positive control. |
| Immunogen | Recombinant human ALK/CD246 protein fragment (aa1360-1460) (Uniprot: Q9UM73) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot |
| Recommended Dilutions | Western Blot |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-54375R

| | |
|---------------|---|
| NBP1-43319R | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 550] |
| NBP2-48518PEP | ALK/CD246 Recombinant Protein Antigen |
| DPI00 | SLPI [HRP] |
| 4210-CD-100 | ALK/CD246 [Unconjugated] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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