

Product Datasheet

ALK/CD246 Antibody (ALK/1031) [PerCP] NBP3-08771PCP

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-08771PCP

ALK/CD246 Antibody (ALK/1031) [PerCP]

| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 ml |
| 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/1031 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b Kappa |
| Conjugate | PerCP |
| Purity | Protein A or G purified |
| Buffer | PBS |
| Product Description | |
| Host | Mouse |
| Gene ID | 238 |
| Gene Symbol | ALK |
| Species | Human |
| 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 covering ~aa400-500. (Uniprot: Q9UM73) |
| 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 NBP3-08771PCP

| | |
|---------------|--|
| NBP1-43317PCP | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [PerCP] |
| 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.

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