

Product datasheet for **TA355215**

ALK Mouse Monoclonal Antibody [Clone ID: 5A4]

Product data:

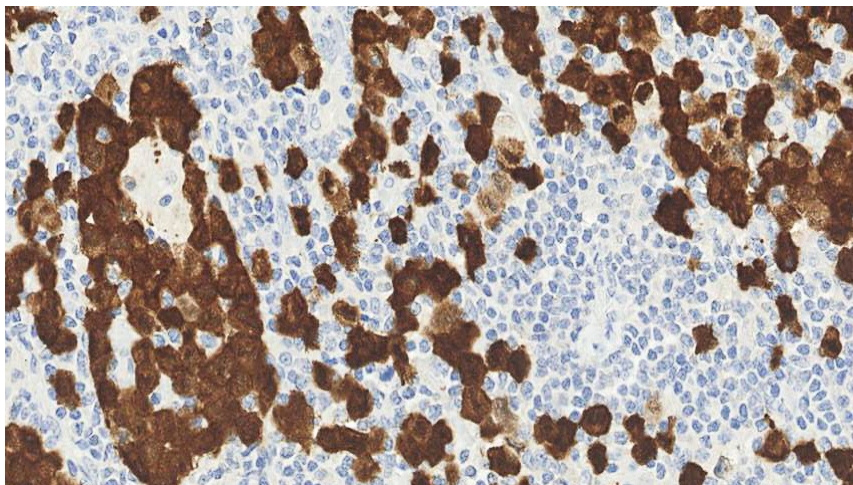
Product Type:	Primary Antibodies
Clone Name:	5A4
Applications:	IHC
Recommended Dilution:	1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to a region which spans the tyrosine kinase catalytic domain and part of the C-terminus of the NPM-ALK transcript (419-520aa)
Specificity:	Human ALK protein and C-terminal ALK fusion proteins containing the immunized target sequence.
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	anaplastic lymphoma receptor tyrosine kinase
Database Link:	Entrez Gene 238 Human Q9UM73
Background:	Anaplastic large cell lymphoma (ALCL) is usually composed of large pleomorphic cells which are reported to express CD30 antigen and epithelial membrane antigen (EMA). These tumor cells tend to occur in younger individuals and may be associated with cutaneous and extranodal involvement. A proportion of these cases contain a chromosomal translocation t(2;5) (p23;q35). This results in a hybrid gene encoding part of the nucleophosmin (NPM) gene joined to the cytoplasmic domain of the anaplastic lymphoma kinase (ALK) gene, giving rise to the protein, p80. Large cell lymphomas account for approximately 25% of all non-Hodgkin's lymphomas in children and young adults, of which one third carry the NPM-ALK gene translocation.



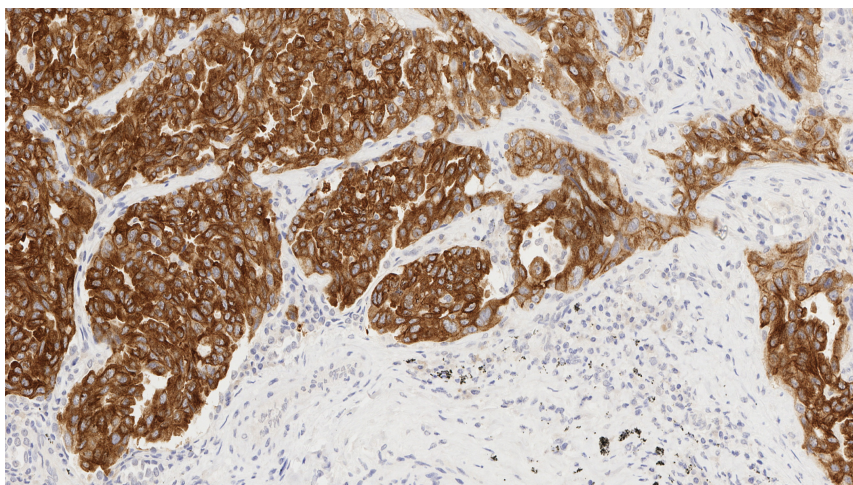
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Synonyms: CD246; NBLST3; TFG/ALK

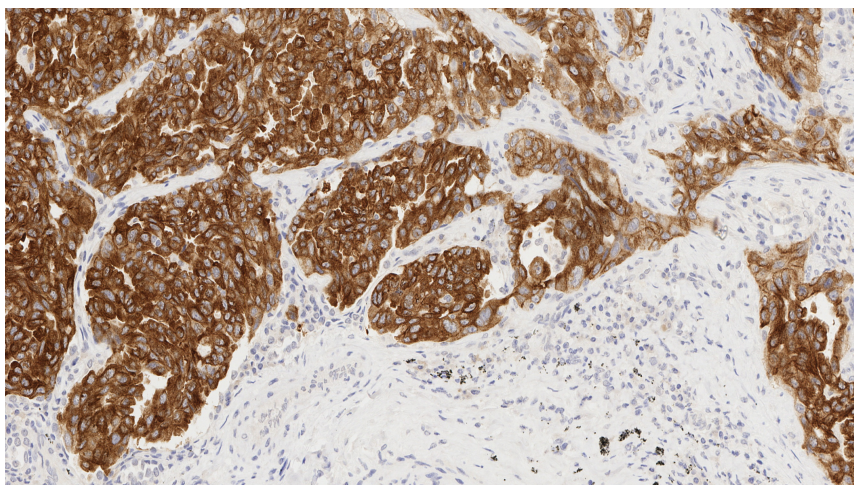
Product images:



Non-small cell lung cancer: immunohistochemical staining for ALK. ALK: clone 5A4



Non-small cell lung cancer: immunohistochemical staining for ALK. ALK: clone 5A4



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