

CDK6(phospho-Tyr24) Antibody

Catalog No: #11543

Package Size: #11543-1 50ul #11543-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

| | |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | CDK6(phospho-Tyr24) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |
| Applications | WB IHC IF |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of CDK6 only when phosphorylated at tyrosine 24. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around phosphorylation site of tyrosine 24 (G-A-Y(p)-G-K) derived from Human CDK6. |
| Target Name | CDK6 |
| Modification | Phospho |
| Other Names | Serine/threonine-protein kinase PLSTIRE |
| Accession No. | Swiss-Prot: Q00534NCBI Protein: NP_001138778.1 |
| Uniprot | Q00534 |
| GeneID | 1021; |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

Application Details

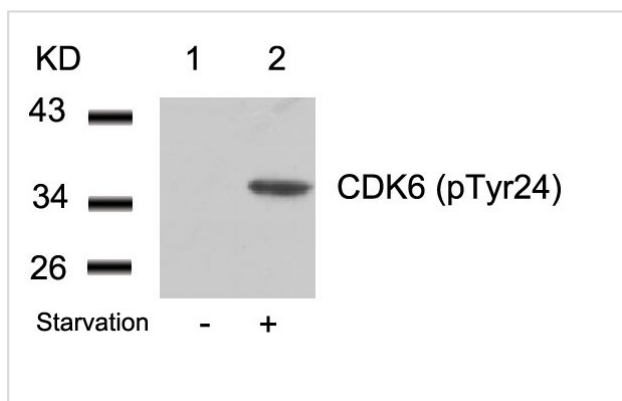
Predicted MW: 36kd

Western blotting: 1:500~1:1000

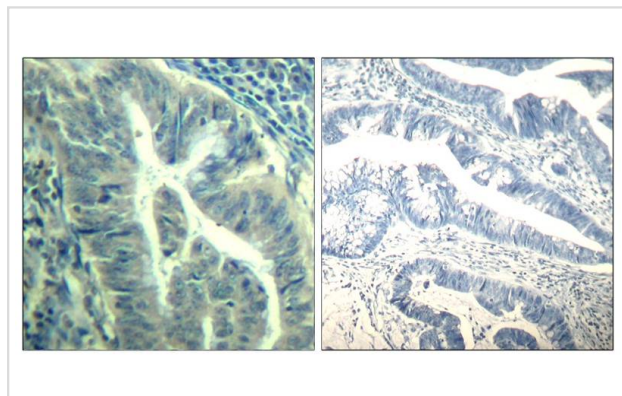
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

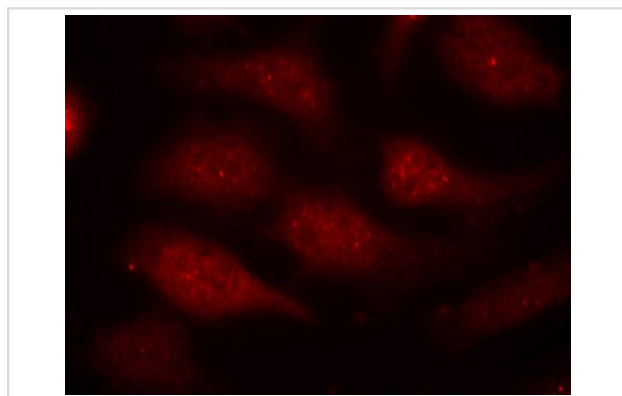
Images



Western blot analysis of extracts from 293 cells untreated(lane 1) or treated with starvation(lane 2) using CDK6(phospho-Tyr24) Antibody #11543.



Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using CDK6(Phospho-Tyr24) Antibody #11543(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using CDK6(phospho-Tyr24) Antibody #11543.

Background

Probably involved in the control of the cell cycle. Interacts with D-type G1 cyclins.

Note: This product is for in vitro research use only