Product Datasheet

p56Dok-2(Ab-299) Antibody

Catalog No: #21270

Package Size: #21270-1 50ul #21270-2 100ul

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

Description

Product Name	p56Dok-2(Ab-299) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total p56Dok-2 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.297~301 (G-E-Y-A-V) derived from Human p56Dok-2.
Target Name	p56Dok-2
Other Names	DOK2
Accession No.	Swiss-Prot: O60496NCBI Protein: NP_003965.2
Uniprot	O60496
GeneID	9046;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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

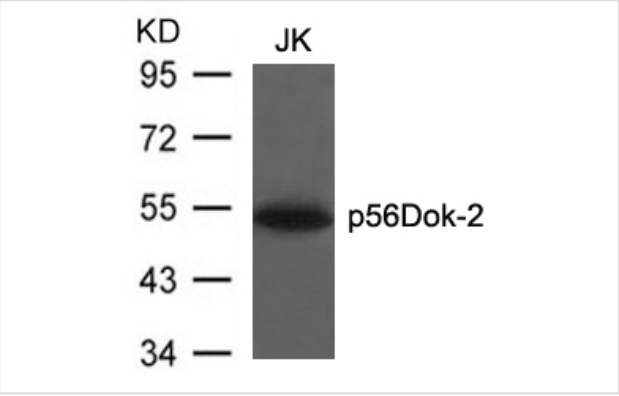
Predicted MW: 56kd

Western blotting: 1:500~1:1000

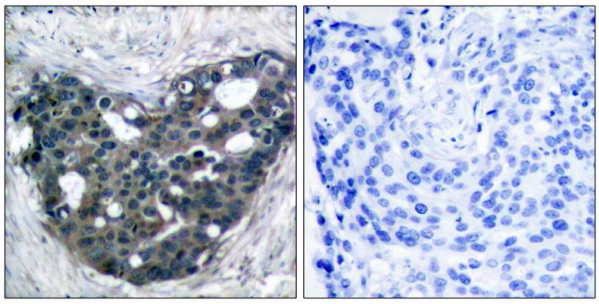
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

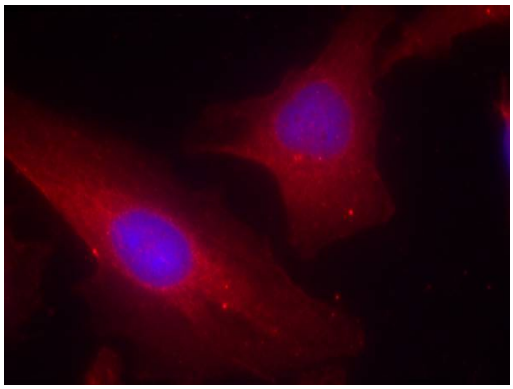
Images



Western blot analysis of extracts from JK cells using p56Dok-2(Ab-299) Antibody #21270.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p56Dok-2(Ab-299) Antibody #21270(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using p56Dok-2(Ab-299) Antibody #21270.

Background

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK2 may modulate the cellular proliferation induced by IL-4, as well as IL-2 and IL-3. May be involved in modulating Bcr-Abl signaling. Attenuates EGF-stimulated MAP kinase activation

Feng Cong, et,al. (1999) Mol. Cell. Biol; 19: 8314 - 8325.
Serge Lemay, et,al. (2000) Mol. Cell. Biol; 20: 2743 - 2754.
Ute Schaeper, et,al.(2000) J. Cell Biol; 149: 1419.
Miyuki Honma, et,al. (2006) Genes Cells; 11: 143 - 151.

Note: This product is for in vitro research use only