

35-1254: Polyclonal Antibody to p56Dok-2 (Phospho-Tyr299)

Clonality :	Polyclonal
Application :	WB,IHC,IF
Reactivity :	Human
Gene :	DOK2
Gene ID :	9046
Uniprot ID :	O60496
Format :	Purified
Alternative Name :	DOK2
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of tyrosine 299 (G-E-Y(p)-A-V) derived from Human p56Dok-2.

Description

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.

Product Info

Amount :	50 µl / 100 µl
Content :	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 condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 56kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

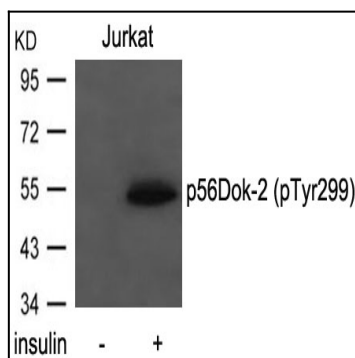


Figure 1: Western blot analysis of extracts from Jurkat cells untreated or treated with insulin using p56Dok-2(Phospho-Tyr299) Antibody 35-1254 .

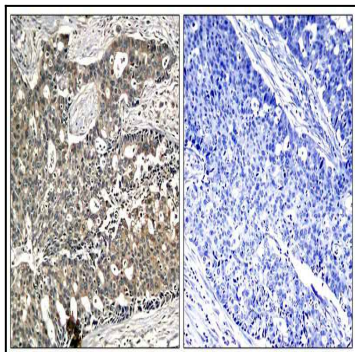


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p56Dok-2(Phospho-Tyr299) Antibody 35-1254 (left) or the same antibody preincubated with blocking peptide(right).

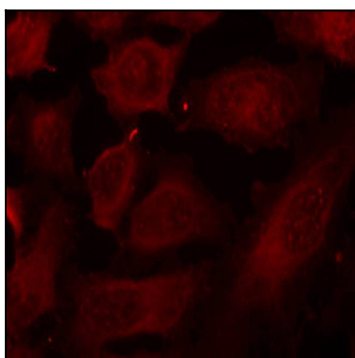


Figure 3: Immunofluorescence staining of methanol-fixed HeLa cells using p56Dok-2(Phospho-Tyr299) Antibody 35-1254 .

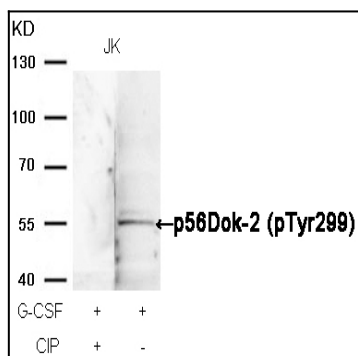


Figure 4: Western blot analysis of extracts from JK cells, treated with G-CSF or calf intestinal phosphatase (CIP), using p56Dok-2 (Phospho-Tyr299) Antibody 35-1254 .