

Product datasheet for CF503337

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OriGene Technologies, Inc.

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Product data:

Product Type: Primary Antibodies

Clone Name: OTI3D6

Applications: FC, IF, WB

Recommended Dilution: WB 1:2000, IF 1:100, FLOW 1:100

DOK2 Mouse Monoclonal Antibody [Clone ID: OTI3D6]

Reactivity: Human
Host: Mouse
Isotype: IgG1

Clonality: Monoclonal

Immunogen: Full length human recombinant protein of human DOK2(NP_003965) produced in HEK293T

cell

Formulation: Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)

Reconstitution Method: For reconstitution, we recommend adding 100uL distilled water to a final antibody

concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)

Purification: Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 45.2 kDa

Gene Name: docking protein 2

Database Link: NP 003965

Entrez Gene 9046 Human

060496



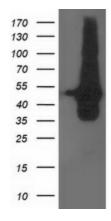


Background:

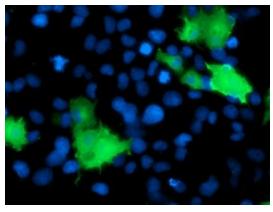
The protein encoded by this gene is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), a chimeric protein whose presence is associated with CML. This encoded protein binds p120 (RasGAP) from CML cells. [provided by RefSeq]

Synonyms: p56DOK; p56dok-2
Protein Families: Druggable Genome

Product images:

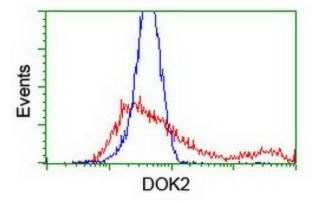


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DOK2 ([RC207621], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DOK2. Positive lysates [LY418321] (100ug) and [LC418321] (20ug) can be purchased separately from OriGene.



Anti-DOK2 mouse monoclonal antibody ([TA503337]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY DOK2 ([RC207621]).





HEK293T cells transfected with either [RC207621] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-DOK2 antibody ([TA503337]), and then analyzed by flow cytometry.