

Product datasheet for **TA503158**

DOK2 Mouse Monoclonal Antibody [Clone ID: OT11A4]

Product data:

| | |
|--------------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OT11A4 |
| Applications: | FC, IF, WB |
| Recommended Dilution: | WB 1:2000, IF 1:100, FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human DOK2 (NP_003965) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| 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 O60496 |
| 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] |

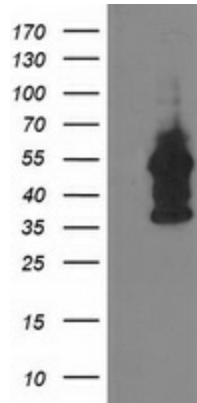


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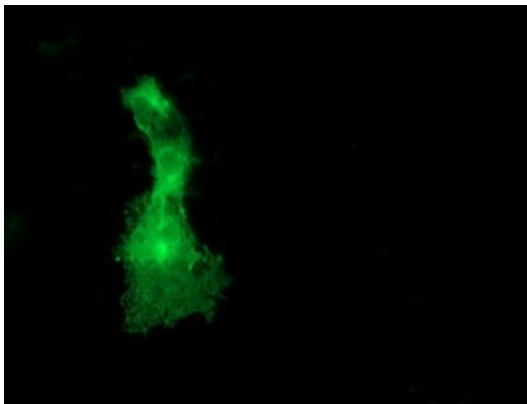
Synonyms: p56DOK; p56dok-2

Protein Families: Druggable Genome

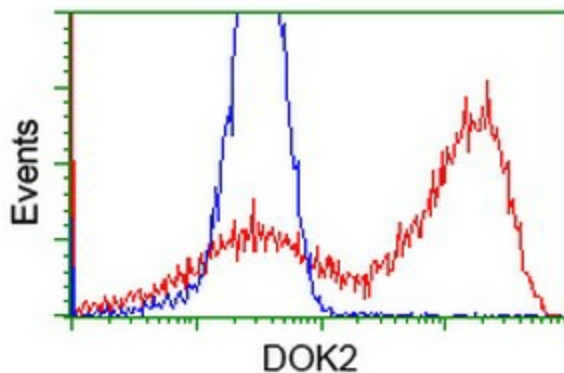
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY DOK2 (Cat# [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(Cat# TA503158). Positive lysates [LY418321] (100ug) and [LC418321] (20ug) can be purchased separately from OriGene.



Anti-DOK2 mouse monoclonal antibody (TA503158) 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 (TA503158), and then analyzed by flow cytometry.