

Product datasheet for **CF500900**

Pleckstrin (PLEK) Mouse Monoclonal Antibody [Clone ID: OTI2D11]

Product data:

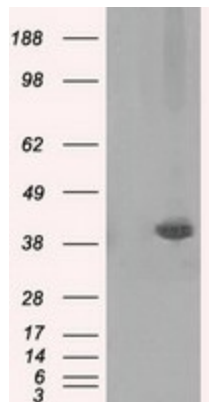
Product Type:	Primary Antibodies
Clone Name:	OTI2D11
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, Flow 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PLEK (NP_002655) produced in HEK293T cell.
Formulation:	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:	40.1 kDa
Gene Name:	pleckstrin
Database Link:	NP_002655 Entrez Gene 56193 MouseEntrez Gene 364206 RatEntrez Gene 5341 Human P08567
Background:	Major protein kinase C substrate of platelets, its exact function is not known
Synonyms:	P47



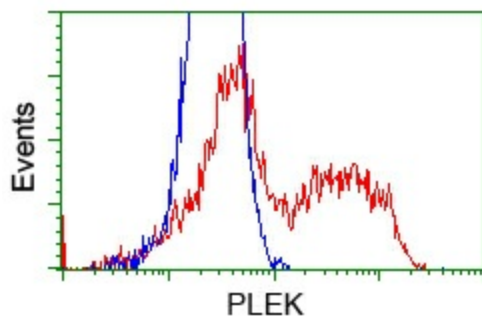
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Protein Families: Druggable Genome

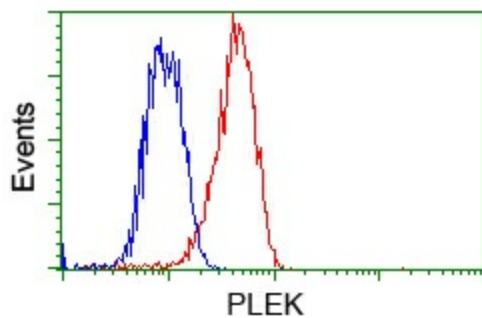
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PLEK ([RC203780], 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-PLEK. Positive lysates [LY419171] (100ug) and [LC419171] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either pCMV6-ENTRY PLEK ([RC203780]) (Red) or empty vector control plasmid (Blue) were immunostained with anti-PLEK mouse monoclonal ([TA500900]), and then analyzed by flow cytometry.



Flow cytometric analysis of Jurkat cells, using anti-PLEK antibody ([TA500900]), (Red) compared to a nonspecific negative control antibody (TA50011) (Blue).