

Product datasheet for **CF505548**

POGK Mouse Monoclonal Antibody [Clone ID: OTI2D5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D5
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human POGK(NP_060012) 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:	69.3 kDa
Gene Name:	pogo transposable element derived with KRAB domain
Database Link:	NP_060012 Entrez Gene 57645 Human Q9P215



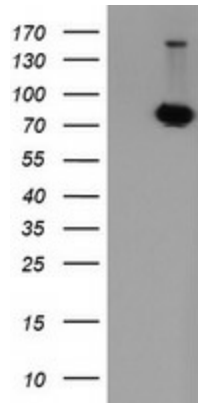
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Background: The exact function of the protein encoded by this gene is not known. However, this gene product contains a KRAB domain (which is involved in protein-protein interactions) at the N-terminus, and a transposase domain at the C-terminus, suggesting that it may belong to the family of DNA-mediated transposons in human. [provided by RefSeq]

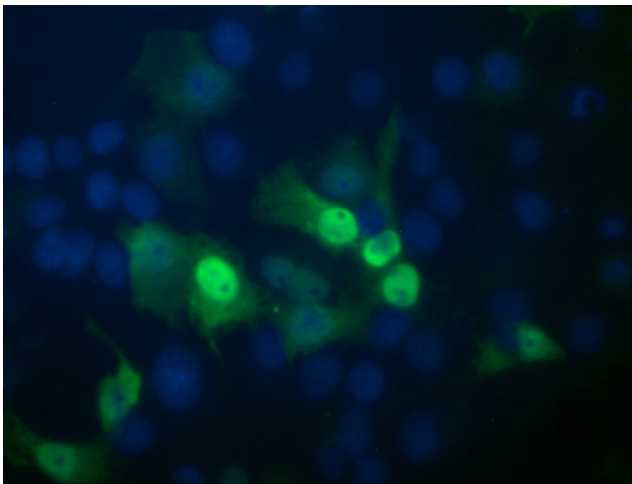
Synonyms: BASS2; KRBOX2; LST003

Protein Families: Transcription Factors

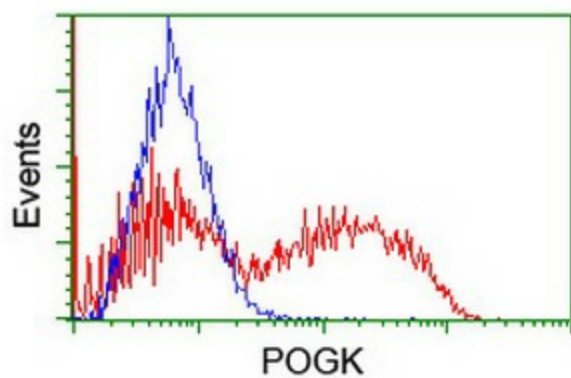
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY POGK ([RC222119], 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-POGK. Positive lysates [LY413730] (100ug) and [LC413730] (20ug) can be purchased separately from OriGene.



Anti-POGK mouse monoclonal antibody ([TA505548]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY POGK ([RC222119]).



HEK293T cells transfected with either [RC222119] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-POGK antibody ([TA505548]), and then analyzed by flow cytometry.