

Product datasheet for **CF504196**

IGJ (JCHAIN) Mouse Monoclonal Antibody [Clone ID: OTI2B9]

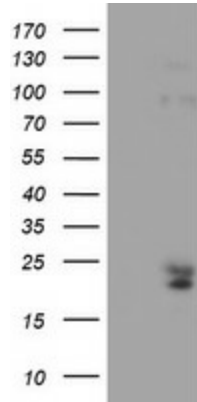
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2B9
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human IGJ(NP_653247) 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:	17.9 kDa
Gene Name:	joining chain of multimeric IgA and IgM
Database Link:	NP_653247 Entrez Gene 3512 Human P01591
Synonyms:	IGCJ; IGJ; JCH

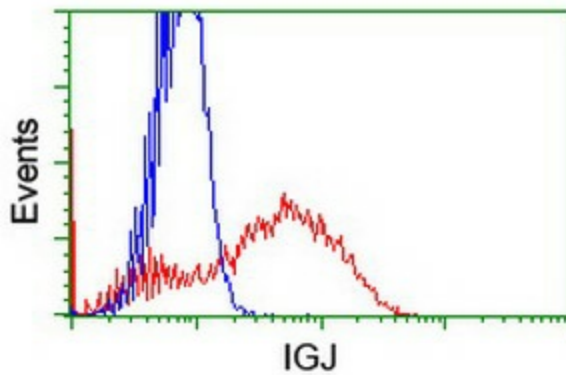


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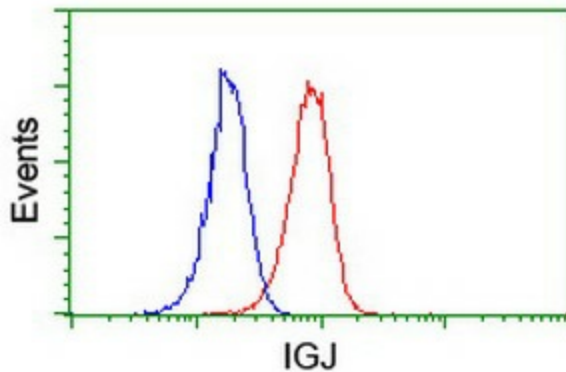
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IGJ ([RC207932], 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-IGJ. Positive lysates [LY403400] (100ug) and [LC403400] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC207932] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-IGJ antibody ([TA504196]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-IGJ antibody ([TA504196]), (Red), compared to a nonspecific negative control antibody, (Blue).