

## Product datasheet for **CF502600**

### **ANKRD53 Mouse Monoclonal Antibody [Clone ID: OTI1C10]**

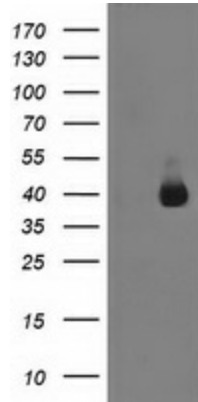
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1C10
<b>Applications:</b>	FC, IF, WB
<b>Recommended Dilution:</b>	WB 1:2000, IF 1:100, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 1-300 of human ANKRD53 (NP_079209) produced in E.coli.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	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)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	38 kDa
<b>Gene Name:</b>	ankyrin repeat domain 53
<b>Database Link:</b>	<a href="#">NP_079209</a> <a href="#">Entrez Gene 79998 Human</a> <a href="#">Q8N9V6</a>
<b>Synonyms:</b>	FLJ12056; FLJ36160

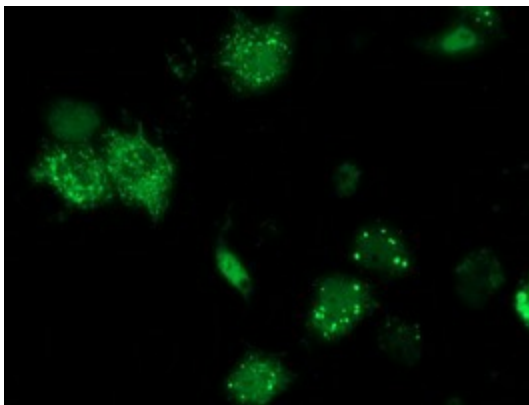


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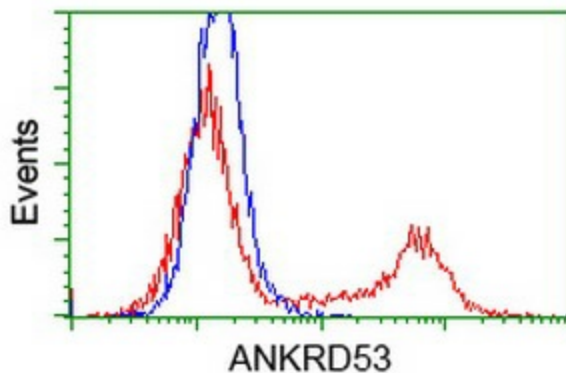
## Product images:



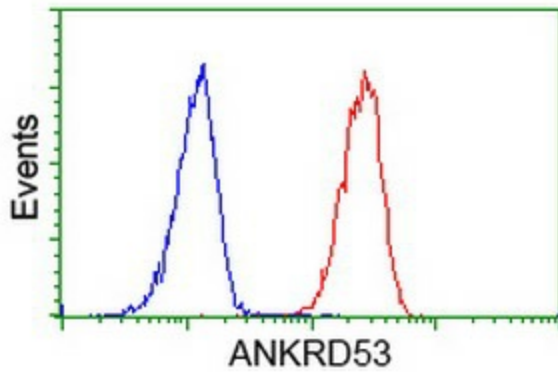
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ANKRD53 ([RC206701], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ANKRD53. Positive lysates [LY410969] (100ug) and [LC410969] (20ug) can be purchased separately from OriGene.



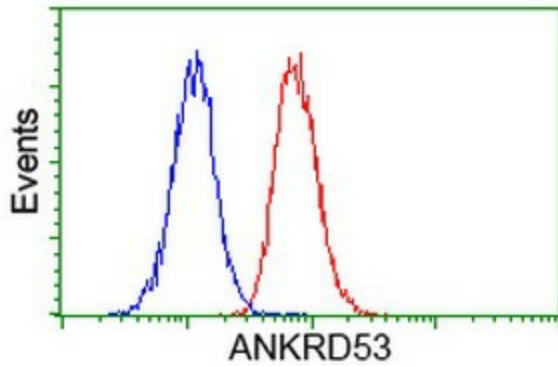
Anti-ANKRD53 mouse monoclonal antibody ([TA502600]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ANKRD53 ([RC206701]).



HEK293T cells transfected with either [RC206701] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ANKRD53 antibody ([TA502600]), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-ANKRD53 antibody ([TA502600]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-ANKRD53 antibody ([TA502600]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).