

## Product datasheet for **TA502478**

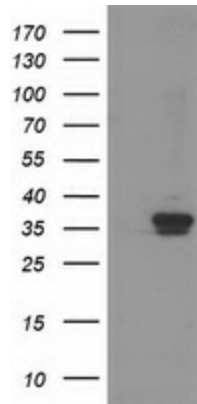
### **RDH14 Mouse Monoclonal Antibody [Clone ID: OTI1A7]**

#### **Product data:**

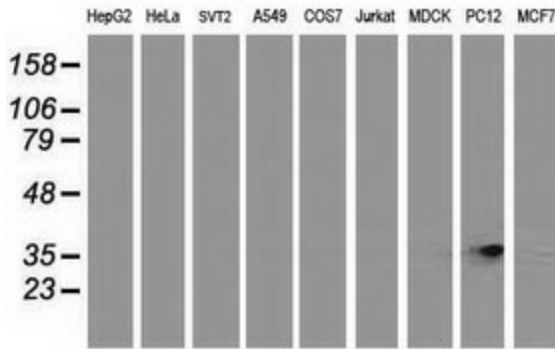
Product Type:	Primary Antibodies
Clone Name:	OTI1A7
Applications:	FC, WB
Recommended Dilution:	WB 1:200~500, FLOW 1:100
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human RDH14 (NP_065956) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1.2 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:	36.7 kDa
Gene Name:	retinol dehydrogenase 14
Database Link:	<a href="#">NP_065956</a> <a href="#">Entrez Gene 500629 Rat</a> <a href="#">Entrez Gene 57665 Human</a> <a href="#">Q9HBH5</a>
Synonyms:	PAN2; SDR7C4
Protein Families:	Druggable Genome, Transmembrane



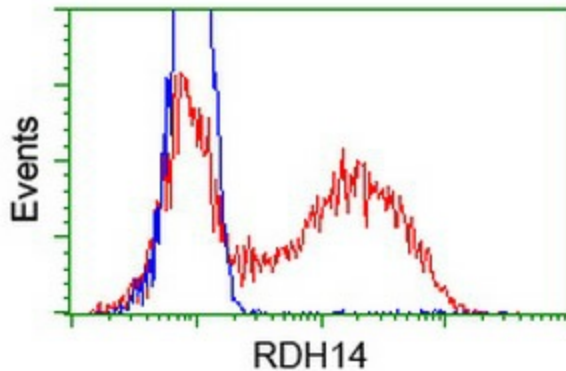
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**Product images:**


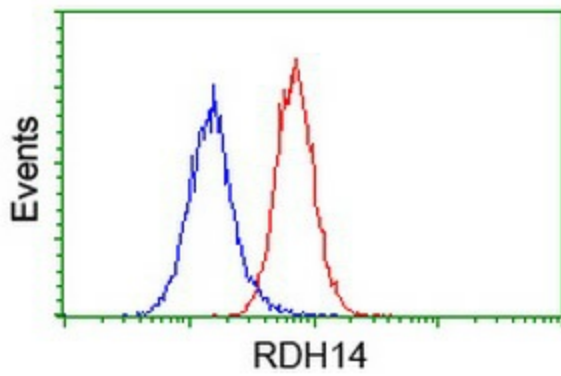
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY RDH14 (Cat# [RC203411], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RDH14 (Cat# TA502478). Positive lysates [LY412210] (100ug) and [LC412210] (20ug) can be purchased separately from OriGene.



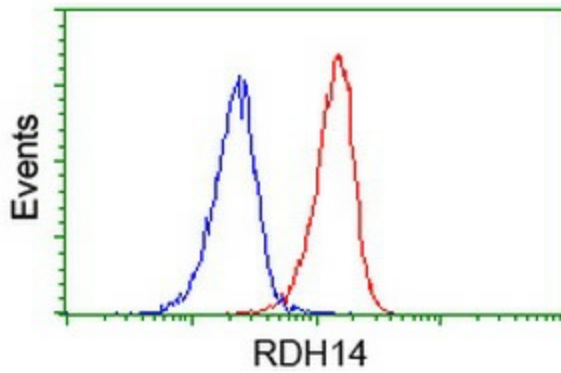
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-RDH14 monoclonal antibody.



HEK293T cells transfected with either [RC203411] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-RDH14 antibody (TA502478), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-RDH14 antibody (TA502478), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-RDH14 antibody (TA502478), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).