

Product datasheet for **CF812489**

DHRS1 Mouse Monoclonal Antibody [Clone ID: OTI4C12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4C12
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human DHRS1 (NP_612461) 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:	33.7 kDa
Gene Name:	dehydrogenase/reductase 1
Database Link:	NP_612461 Entrez Gene 115817 Human Q96LJ7



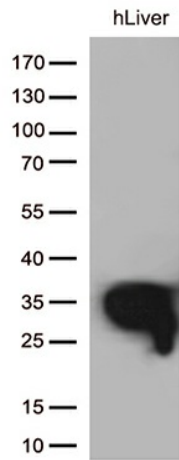
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Background: This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) family. The encoded enzyme contains a conserved catalytic domain and likely functions as an oxidoreductase. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Nov 2008]

Synonyms: SDR19C1

Protein Families: Druggable Genome

Product images:



Western blot analysis of extracts (35ug) from 1 tissue lysate by using anti-DHRS1 monoclonal antibody (1:500).

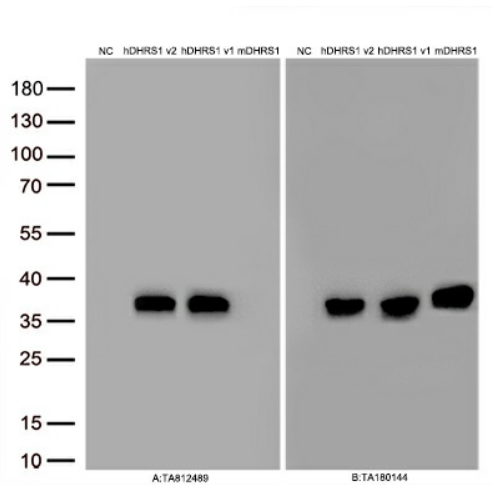


Figure A, Western blot analysis of overexpressed lysates(15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human DHRS1 v2 plasmid ([RC204206], hDHRS1 v2), human DHRS1 v1 plasmid ([RC227656], hDHRS1 v1), mouse DHRS1 plasmid ([MR204458], mDHRS1) using anti-DHRS1 antibody [TA812489](1:500). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000)