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Product datasheet for CF501723

SDR O (SDR9C7) Mouse Monoclonal Antibody [Clone ID: OTI4B5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4B5
Applications:	FC, IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:150, FLOW 1:100
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SDR9C7 (NP_683695) produced in E.coli.
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:	35.1 kDa
Gene Name:	short chain dehydrogenase/reductase family 9C member 7
Database Link:	NP_683695 Entrez Gene 121214 Human Q8NEX9
Background:	This gene encodes a protein with similarity to the short-chain dehydrogenase/reductase (SDR) family but has not been shown to have retinoid or dehydrogenase activities. [provided by RefSeq]

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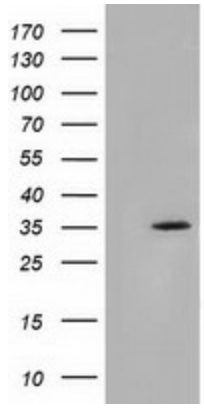
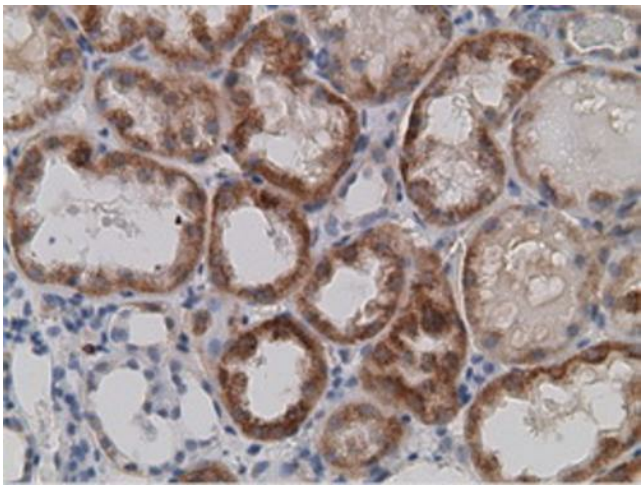
Synonyms: RDHS; SDR-O; SDRO

Protein Families: Druggable Genome

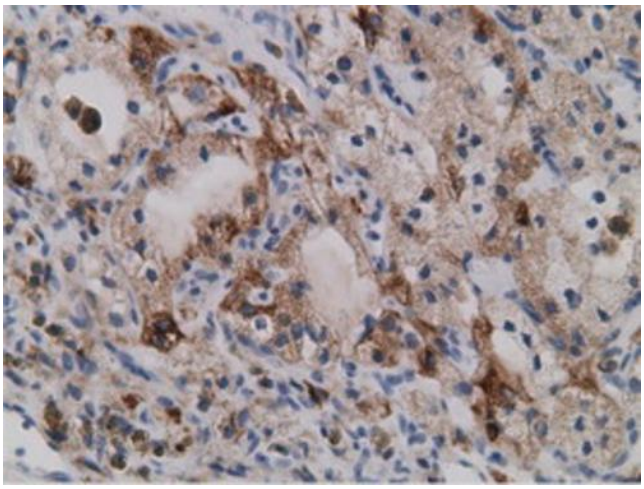
Product images:



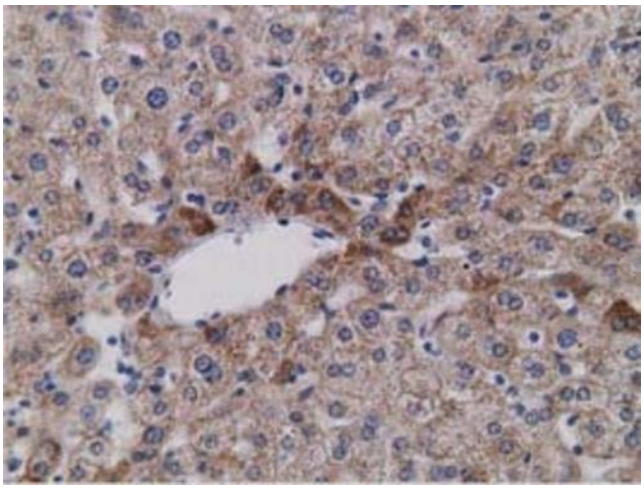
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SDR9C7 (Cat# [RC210941], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SDR9C7(Cat# [TA501723]). Positive lysates [LY407754] (100ug) and [LC407754] (20ug) can be purchased separately from OriGene.



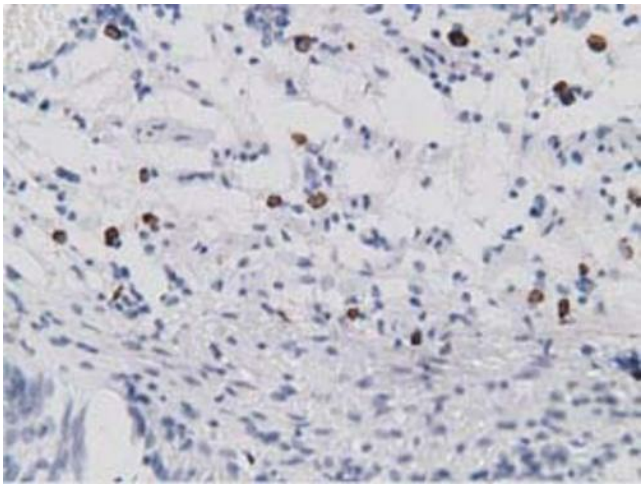
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SDR9C7 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501723])



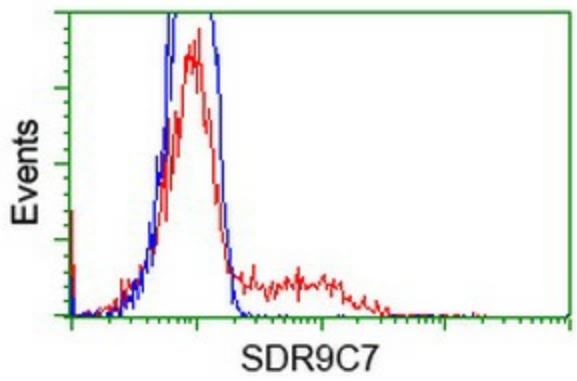
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-SDR9C7 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501723])



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-SDR9C7 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501723])



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-SDR9C7 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501723])



HEK293T cells transfected with either [RC210941] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SDR9C7 antibody ([TA501723]), and then analyzed by flow cytometry.