

For Research Use Only

STARD10 Monoclonal antibody

Catalog Number: 68554-1-Ig



Basic Information

Catalog Number: 68554-1-Ig	GenBank Accession Number: BC007919	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10809	CloneNo.: 1B9A1
Source: Mouse	Full Name: StAR-related lipid transfer (START) domain containing 10	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:2000-1:12000 for WB
Isotype: IgG1	Calculated MW: 291 aa, 33 kDa	IF 1:400-1:1600
Immunogen Catalog Number: AG10932	Observed MW: 35-40 kDa	

Applications

Tested Applications:

IF, IP, WB, ELISA

Species Specificity:

Human, mouse, rat, rabbit, pig

Positive Controls:

WB : SK-BR-3 cells, MCF-7 cells, T-47D cells, LNCaP cells, rat liver tissue, mouse liver tissue, pig liver tissue, rabbit liver tissue, rabbit testis tissue

IP : HepG2 cells,

IF : HeLa cells,

Background Information

STARD10 (START domain-containing protein 10, also known as PCTP-like protein) is highly expressed in liver and responsible to transfer phosphatidylcholine. STARD10 was identified as a protein overexpressed in breast cancer that cooperates with the ErbB family of receptor tyrosine kinases in cellular transformation (PMID: 15911624). This antibody detected duplicate bands between 35-40 kDa (PMID: 15150109).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

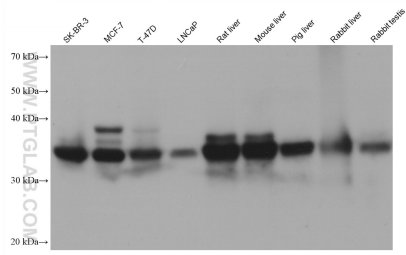
For technical support and original validation data for this product please contact:

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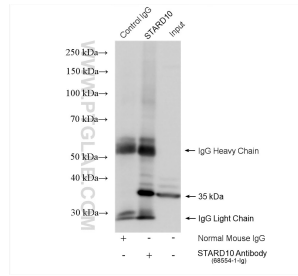
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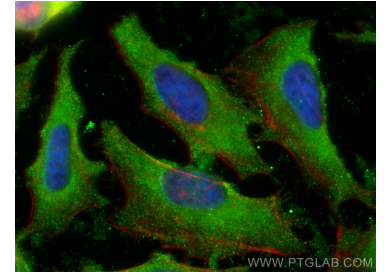
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68554-1-Ig (STARD10 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP result of anti-STARD10(IP:68554-1-Ig, 4ug; Detection:68554-1-Ig 1:6000) with HepG2 cells lysate 1480 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using STARD10 antibody (68554-1-Ig, Clone: 1B9A1) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).