

For Research Use Only

# HSDL2 Monoclonal antibody, PBS Only



Catalog Number: 68414-1-PBS

## Basic Information

<b>Catalog Number:</b> 68414-1-PBS	<b>GenBank Accession Number:</b> BC004331	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84263	<b>CloneNo.:</b> 3D11G1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q6YN16	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> hydroxysteroid dehydrogenase like 2	
<b>Immunogen Catalog Number:</b> AG8314	<b>Calculated MW:</b> 45 kDa	
	<b>Observed MW:</b> 45 kDa	

## Applications

**Tested Applications:**  
WB, IF, Indirect ELISA

**Species Specificity:**  
Human, pig, rabbit

## Background Information

Human hydroxysteroid dehydrogenase-like 2 (HSDL2) is a characterized SDR gene that not only catalyses the oxidation and reduction of multiple substrates but also regulates different metabolic and signalling pathways. Accumulating evidences suggest that HSDL2 play an important role in cancer progression. HSDL2 has promoting effects on tumor progression in papillary thyroid cancer, bladder cancer, ovarian cancer, and glioma, but has suppressing effects in cholangiocarcinoma . ( PMID: 31372054, PMID: 32211805)

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

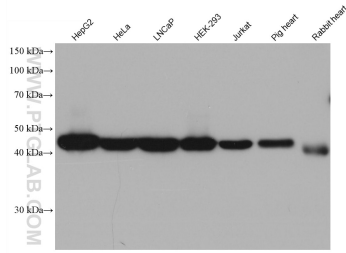
For technical support and original validation data for this product please contact:

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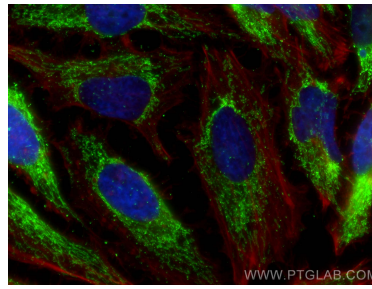
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68414-1-Ig (HSDL2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68414-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HSDL2 antibody (68414-1-Ig, Clone: 3D11G1) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68414-1-PBS in a different storage buffer formulation.