

For Research Use Only

# HSDL2 Monoclonal antibody

Catalog Number: 68414-1-Ig



## Basic Information

<b>Catalog Number:</b> 68414-1-Ig	<b>GenBank Accession Number:</b> BC004331	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84263	<b>CloneNo.:</b> 3D11G1
<b>Source:</b> Mouse	<b>Full Name:</b> hydroxysteroid dehydrogenase like 2	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF 1:400-1:1600
<b>Isotype:</b> IgG2b	<b>Calculated MW:</b> 45 kDa	
<b>Immunogen Catalog Number:</b> AG8314	<b>Observed MW:</b> 45 kDa	

## Applications

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

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

### Positive Controls:

**WB :** HepG2 cells, HeLa cells, LNCaP cells, HEK-293 cells, Jurkat cells, pig heart tissue, rabbit heart tissue

**IF :** HeLa cells,

## 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 -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

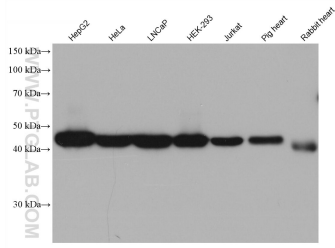
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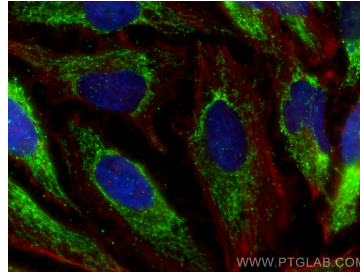
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## Selected Validation Data



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.



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).