

For Research Use Only

# ANKRD54 Monoclonal antibody, PBS Only



Catalog Number: 68388-1-PBS

## Basic Information

<b>Catalog Number:</b> 68388-1-PBS	<b>GenBank Accession Number:</b> BC066909	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 129138	<b>CloneNo.:</b> 1E9A9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q6NXT1	
<b>Isotype:</b> IgG1	<b>Full Name:</b> ankyrin repeat domain 54	
<b>Immunogen Catalog Number:</b> AG22772	<b>Calculated MW:</b> 300 aa, 33 kDa	
	<b>Observed MW:</b> 33-35 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, Mouse, Rat

## Background Information

Ankyrin repeat domain 54 (ANKRD54)/Liar is a nuclear-cytoplasmic shuttling adaptor that interacts with Lyn, Btk, Txk, and HCLS1. Activation of PKC kinases promoted nuclear export and phosphorylation of Ankrd54, and increased interaction and cytoplasmic co-localization with Lyn.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

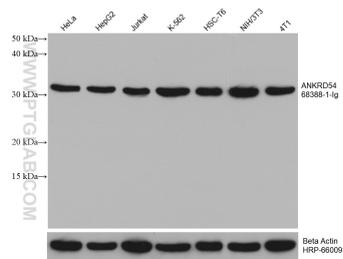
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68388-1-Ig (ANKRD54 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 68388-1-PBS in a different storage buffer formulation.



U2OS cells were subjected to SDS PAGE followed by western blot with 68388-1-Ig (ANKRD54 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68388-1-PBS in a different storage buffer formulation.