

For Research Use Only

# ANKRD55 Polyclonal antibody, PBS Only

Catalog Number: 24203-1-PBS



## Basic Information

<b>Catalog Number:</b> 24203-1-PBS	<b>GenBank Accession Number:</b> BC106914	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79722	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q3KP44	
<b>Isotype:</b> IgG	<b>Full Name:</b> ankyrin repeat domain 55	
<b>Immunogen Catalog Number:</b> AG21271	<b>Calculated MW:</b> 614 aa, 68 kDa	
	<b>Observed MW:</b> 68 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

ANKRD55 also named as Ankyrin repeat domain containing protein 55 is a 614 amino acid protein, which contains 9 ANK repeat. ANKRD55 may exist three alternatively spliced isoforms and belongs to ankyrin family. The function of ANKRD55 is still non-known and need to be further studied. ANKRD55 is a critical regulator of TCR signaling and a key regulator of T cell inflammation in multiple sclerosis (PMID: 41090353).

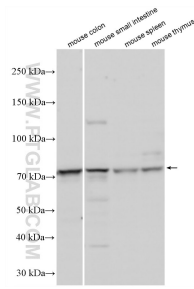
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

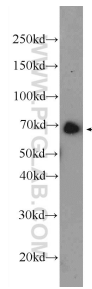
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

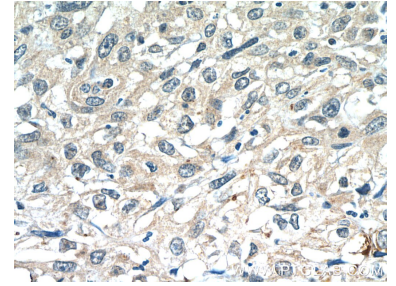
## Selected Validation Data



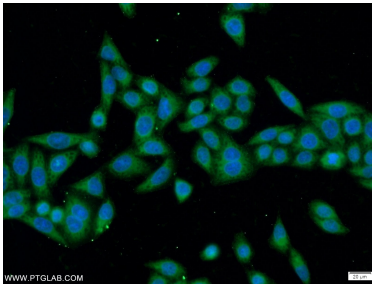
Various lysates were subjected to SDS PAGE followed by western blot with 24203-1-AP (ANKRD55 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24203-1-PBS in a different storage buffer formulation.



HeLa cells were subjected to SDS PAGE followed by western blot with 24203-1-AP (ANKRD55 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24203-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 24203-1-AP (ANKRD55 Antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 24203-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HeLa cells using 24203-1-AP (ANKRD55 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 24203-1-PBS in a different storage buffer formulation.