

For Research Use Only

# ANKRD13A Recombinant monoclonal antibody

Catalog Number: 87239-1-RR



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>87239-1-RR                           | <b>GenBank Accession Number:</b><br>BC032833   | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>88455                 | <b>CloneNo.:</b><br>251745E4                          |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>Q8IZ07                   | <b>Recommended Dilutions:</b><br>WB: 1:2000-1:10000   |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>ankyrin repeat domain 13A |   |
| <b>Immunogen Catalog Number:</b><br>AG21200                    | <b>Calculated MW:</b><br>590 aa, 68 kDa        |   |
|  | <b>Observed MW:</b><br>80 kDa                  |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : MCF-7 cells, HepG2 cells, OVCAR-3 cells |
| <b>Species Specificity:</b><br>human     |   |

## Background Information

ANKRD13A, also named ANKRD13, is a 590 amino acid protein that contains two ANK repeats and four UIM (ubiquitin-interacting motif) repeats. ANKRD13A localizes in the cell membrane. ANKRD13A is an ubiquitin-binding protein that specifically recognizes and binds 'Lys-63'-linked ubiquitin, but does not bind 'Lys-48'-linked ubiquitin. ANKRD13A positively regulates the internalization of ligand-activated EGFR by binding to the Ub moiety of ubiquitinated EGFR at the cell membrane.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

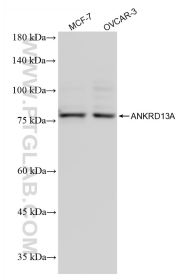
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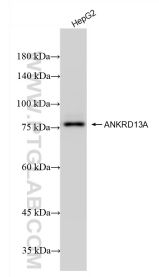
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87239-1-RR (ANKRD13A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



HepG2 cells were subjected to SDS PAGE followed by western blot with 87239-1-RR (ANKRD13A antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.