

For Research Use Only

# ETV5 Monoclonal antibody

Catalog Number: 66657-1-Ig **4 Publications**



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>66657-1-Ig   | <b>GenBank Accession Number:</b><br>BC007333 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>150ul , Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>2119                | <b>CloneNo.:</b><br>2A4A4                             |
| <b>Source:</b><br>Mouse  | <b>UNIPROT ID:</b><br>P41161                 | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000      |
| <b>Isotype:</b><br>IgG2a   | <b>Full Name:</b><br>ets variant 5           |   |
| <b>Immunogen Catalog Number:</b><br>AG3708   | <b>Calculated MW:</b><br>510 aa, 58 kDa      |   |
|  | <b>Observed MW:</b><br>58-60 kDa             |   |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : T-47D cells, HeLa cells, PC-3 cells, DU 145 cells, LNCaP cells |
| <b>Cited Applications:</b><br>WB, ChIP   |  |
| <b>Species Specificity:</b><br>Human     |  |
| <b>Cited Species:</b><br>human, mouse    |  |

## Background Information

ETS variant gene 5(ETV5) belongs to the ETS oncogene family that shares a conserved peptide, ETS domain, which mediates sequence-specific DNA binding. ETV5 is a transcription factor and is required for spermatogonial stem cell self-renewal. ETV5 can be negatively regulated by COP1, a tumor suppressor. Also it has a role in branching morphogenesis in the developing kidney

## Notable Publications

| Author      | Pubmed ID | Journal       | Application |
|-------------|-----------|---------------|-------------|
| Ankur Garg  | 30188892  | PLoS Genet    | ChIP        |
| Ankur Garg  | 32043969  | Elife         | ChIP        |
| Yinping Liu | 36517864  | J Ovarian Res | ChIP        |

## Storage

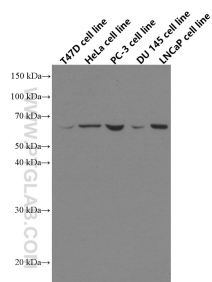
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

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 66657-1-Ig (ETV5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.