

For Research Use Only

# FAF2 Monoclonal antibody

Catalog Number: 66629-1-Ig **Featured Product**



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>66629-1-Ig   | <b>GenBank Accession Number:</b><br>BC014001                  | <b>Purification Method:</b><br>Protein G purification                  |
| <b>Size:</b><br>150ul , Concentration: 1700 µg/ml by<br>Nanodrop and 1000 µg/ml by Bradford<br>method using BSA as the standard; | <b>GeneID (NCBI):</b><br>23197                                | <b>CloneNo.:</b><br>3H6D2  |
| <b>Source:</b><br>Mouse  | <b>Full Name:</b><br>Fas associated factor family member<br>2 | <b>Recommended Dilutions:</b><br>WB 1:2000-1:10000<br>IHC 1:250-1:1000 |
| <b>Isotype:</b><br>IgG1  | <b>Calculated MW:</b><br>445 aa, 53 kDa                       |  |
| <b>Immunogen Catalog Number:</b><br>AG21536  | <b>Observed MW:</b><br>51 kDa                                 |  |

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

Human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HeLa cells, HEK-293 cells, HepG2 cells

IHC : human breast cancer tissue, mouse brain tissue

## Background Information

Protein ETEA (FAF2, or UBXD8) is a homolog to Fas-associated factor 1 (FAF1), which is involved in Fas-mediated apoptosis. ETEA protein directly interacts with and negatively regulates neurofibromin. ETEA contains both UBA and UBX domains and overexpression of ETEA downregulates neurofibromin in human cells. It may play a role in the translocation of terminally misfolded proteins from the endoplasmic reticulum lumen to the cytoplasm and their degradation by the proteasome. ETEA is highly expressed in peripheral blood of patients with atopic dermatitis (AD) compared to normal individuals, and may regulate the resistance to apoptosis that is observed in T cells and eosinophils of AD patients.

## 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

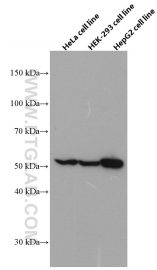
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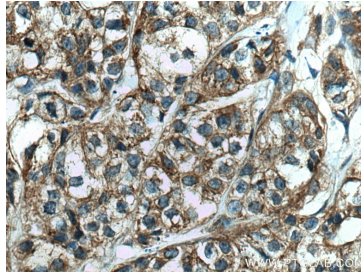
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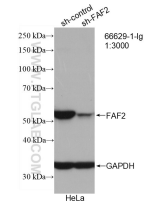
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 66629-1-Ig (FAF2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66629-1-Ig (FAF2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of FAF2 antibody (66629-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAF2 transfected HeLa cells.