# Anti-HuD [16C12]

Catalogue number: 153501 Sub-type: Images:

## Contributor

Inventor: Institute: Images:

### **Tool details**

#### **\*FOR RESEARCH USE ONLY**

Name: Anti-HuD [16C12]

Jiein 4 Certools.org Alternate name: ELAV-like protein 4

**Class:** Monoclonal

Conjugate: Unconjugated

**Description:** HuD, also known as ELAV-like protein 4, is a protein that in humans is encoded by the ELAVL4 gene. The HuD/ELAVL4 protein is an RNA-binding protein. HuD is expressed only in neurons and it binds to AU-rich element-containing mRNAs. As a result of this interaction the half-life of the transcript is increased. HuD is important in neurons during brain development and plasticity. The 16C12 monoclonal antibody is the reagent of choice to determine the expression of HuD (ELAVL4) by IHC or western blotting. It is known to react with human, mouse, rat, and zebrafish HuD. It was generated against a unique peptide found in HuD and does not bind to HuC, HeLN-1 or HuR **Purpose:** 

Parental cell: **Organism:** Tissue: Model: Gender: Isotype: IgG2b Reactivity: Human ; Mouse ; Rat ; Zebrafish Selectivity: Host: Mouse Immunogen: Synthetic peptide Immunogen UNIPROT ID: Sequence: Growth properties: **Production details:** 

Formulation: **Recommended controls: Bacterial resistance:** Selectable markers: Additional notes:

# **Target details**

Target: HuD

#### **Target alternate names:**

**Target background:** HuD, also known as ELAV-like protein 4, is a protein that in humans is encoded by the ELAVL4 gene. The HuD/ELAVL4 protein is an RNA-binding protein. HuD is expressed only in neurons and it binds to AU-rich element-containing mRNAs. As a result of this interaction the half-life of the transcript is increased. HuD is important in neurons during brain development and plasticity. The 16C12 monoclonal antibody is the reagent of choice to determine the expression of HuD (ELAVL4) by IHC or western blotting. It is known to react with human, mouse, rat, and zebrafish HuD. It was Cancer Tools.o generated against a unique peptide found in HuD and does not bind to HuC, HeLN-1 or HuR

#### Molecular weight:

Ic50:

# **Applications**

Application: ELISA ; IHC ; WB **Application notes:** 

# Handling

Format: Liquid **Concentration:** Passage number: Growth medium: **Temperature:** Atmosphere: Volume: Storage medium: Storage buffer: Storage conditions: Shipping conditions: Shipping at 4° C

### **Related tools**

**Related tools:** 

### References

**References:** 

