Mouse GLUD2 Monoclonal Antibody | anti-GLUD2 antibody

GLUD2 (Glutamate Dehydrogenase 2, GDH2, GLUDP1) (AP)

CATALOG #	HOST	APPLICATIONS
AAA26007	**Mouse**	**Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

GLUD2; Monoclonal Antibody; GLUD2 (Glutamate Dehydrogenase 2; GDH2; GLUDP1) (AP); Glutamate Dehydrogenase 2; GLUDP1; anti-GLUD2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	3C2
Specificity	Recognizes GLUD2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Sequence Length	264
Applicable Applications for anti-GLUD2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	GLUD2 (AAH05111.1, 1aa-264aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTPGFRDKTFVVQGFGNVGLHSMRYLHRFGAKCIAVGESDGSIWNPDGIDPKELEDFKLQHGSILGFPKAKPYEGSILEVDCDILIPAATEKQLTKSNAPR
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri

IMAGES

Application Data
Detection limit for recombinant GST tagged GLUD2 is 0.3 ng/ml as a capture antibody.

WB (Western Blot)
GLUD2 monoclonal antibody (M01), clone 3C2. Western Blot analysis of GLUD2 expression in human pancreas.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to GLUD2 on formalin-fixed paraffin-embedded human ovarian cancer. [antibody concentration 1 ug/ml]

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Immunoperoxidase of monoclonal antibody to GLUD2 on formalin-fixed paraffin-embedded human ovarian cancer. [antibody concentration 1 ug/ml]

IP (Immunoprecipitation)
Immunoprecipitation of GLUD2 transfected lysate using anti-GLUD2 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with GLUD2 MaxPab rabbit polyclonal antibody.

WB (Western Blot)
Western Blot analysis of GLUD2 expression in transfected 293T cell line by GLUD2 monoclonal antibody (M01), clone 3C2.Lane 1: GLUD2 transfected lysate(61 KDa).Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-GLUD2 antibody	Glutamate dehydrogenase (EC 1.4.1.3) catalyzes the reversible oxidative deamination of glutamate to alpha-ketoglutarate using NAD and/or NADP as cofactors. See also GLUD1 (MIM 138130). [supplied by OMIM]
Product Categories/Family for anti-GLUD2 antibody	Antibodies; Enzymes; Dehydrogenase

NCBI AND UNIPROT INFORMATION

NCBI GI #	13477275
NCBI GeneID	2747
NCBI Official Full Name	GLUD2 protein
NCBI Official Synonym Full Names	glutamate dehydrogenase 2
NCBI Official Symbol	GLUD2
NCBI Official Synonym Symbols	GDH2; GLUDP1
NCBI Protein Information	glutamate dehydrogenase 2, mitochondrial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/glud2-antibody-clone-3c2-immunohistochemistry-immunoprecipitation-western-blot-elisa/26007