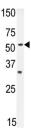
## **Datasheet**

Version: 3.0.0 Revision date: 07 Jun 2025



## **Equilibrative Nucleoside Transporter 1 (ENT1) Antibody**

Catalogue No.:abx025959



ENT1 is a member of the equilibrative nucleoside transporter family. It is a transmembrane glycoprotein that localizes to the plasma and mitochondrial membranes and mediates the cellular uptake of nucleosides from the surrounding medium. The protein is categorized as an equilibrative (as opposed to concentrative) transporter that is sensitive to inhibition by nitrobenzylthioinosine (NBMPR). Nucleoside transporters are required for nucleotide synthesis in cells that lack de novo nucleoside synthesis pathways, and are also necessary for the uptake of cytotoxic nucleosides used for cancer and viral chemotherapies.

Target: Equilibrative Nucleoside Transporter 1 (ENT1)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC, FCM

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/500, FCM: 1/25. Not tested in IHC-F. Optimal dilutions/concentrations

should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 402-431 amino acids from the C-terminal region of

human ENT1.

Isotype: IgG

Form: Liquid

**Purification:** Purified through a protein A column, followed by peptide affinity purification.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q99808 (UniProt, ExPASy)

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Gene Symbol: ENT1

NCBI Accession: NP\_001071642.1, NP\_001071643.1, NP\_001071644.1, NP\_001071645.1, NP\_004946.1

**KEGG:** hsa:2030

Molecular Weight: Calculated MW: 50.2 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Specificity:** Predicted to react with Rat SLC29A1.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,

THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL

CONSUMPTION

