



ENT1 Monoclonal Antibody

| ENT1. AA range:15-64 Specificity ENT1 Monoclonal Antibody detects endogenous levels of ENT1 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms SLC29A1; ENT1; Equilibrative nucleoside transporter 1; Equilibrative nitrobenzylmercaptopurine riboside-sensitive nucleoside transporter; Equilibrative nucleoside transporter; Nucleoside transporter, es-type; Scarrier family 29 member 1 Observed Band 55kD Cell Pathway Basolateral cell membrane; Multi-pass membrane protein. Apical cell membrane protein. Cell membrane; Multi-pass membrane protein. Predominantly localized in the basolateral membrane in polarized MDCK cell and spleen. Function function: Mediates both influx and efflux of nucleosides across the membrane. | | |
|--|--------------------|--|
| Applications WB Gene Name SLC29A1 Protein Name Equilibrative nucleoside transporter 1 Immunogen The antiserum was produced against synthesized peptide derived from hum ENT1. AA range:15-64 Specificity ENT1 Monoclonal Antibody detects endogenous levels of ENT1 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms SLC29A1; ENT1; Equilibrative nucleoside transporter 1; Equilibrative nitrobenzylmercaptopurine riboside-sensitive nucleoside transporter; Equilibrative nucleoside transporter; Nucleoside transporter, es-type; Scarrier family 29 member 1 Observed Band 55kD Cell Pathway Basolateral cell membrane; Multi-pass membrane protein. Apical cell membrane in polarized MDCK ce Tissue Specificity Detected in erythrocytes (at protein level), Expressed in heart, brain, mamm gland, erythrocytes and placenta, and also in fetal liver and spleen. Function function: Mediates both influx and efflux of nucleosides across the membrane | Catalog No | BYmab-00757 |
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| Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms SLC29A1; ENT1; Equilibrative nucleoside transporter 1; Equilibrative nitrobenzylmercaptopurine riboside-sensitive nucleoside transporter; Equilibrative nitrobenzylmercaptopurine riboside-sensitive nucleoside transporter, es-type; Scarrier family 29 member 1 Observed Band 55kD Cell Pathway Basolateral cell membrane; Multi-pass membrane protein. Apical cell membrane protein. Cell membrane; Multi-pass membrane protein predominantly localized in the basolateral membrane in polarized MDCK ce Tissue Specificity Detected in erythrocytes (at protein level). Expressed in heart, brain, mamm gland, erythrocytes and placenta, and also in fetal liver and spleen. Function | Immunogen | The antiserum was produced against synthesized peptide derived from human ENT1. AA range:15-64 |
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| nitrobenzylmercaptopurine riboside-sensitive nucleoside transporter; Equilibrative nucleoside transporter; Nucleoside transporter, es-type; Scarrier family 29 member 1 Observed Band Description Des | Storage Stability | -20°C/1 year |
| Cell Pathway Basolateral cell membrane; Multi-pass membrane protein. Apical cell memb Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein Predominantly localized in the basolateral membrane in polarized MDCK cell membrane in polarized membrane in | Synonyms | nitrobenzylmercaptopurine riboside-sensitive nucleoside transporter; Equilibrative NBMPR-sensitive nucleoside transporter; Nucleoside transporter, es-type; Solute |
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| Function function: Mediates both influx and efflux of nucleosides across the membrane | Tissue Specificity | Detected in erythrocytes (at protein level). Expressed in heart, brain, mammary gland, erythrocytes and placenta, and also in fetal liver and spleen. |
| higher affinity for adenosine. Inhibited by dipyridamole and dilazep (anticand chemotherapeutics drugs).,PTM:Glycosylated.,similarity:Belongs to the SLC | Function | function:Mediates both influx and efflux of nucleosides across the membrane (equilibrative transporter). It is sensitive (ES) to low concentrations of the inhibitor nitrobenzylmercaptopurine riboside (NBMPR) and is sodium-independent. It has a higher affinity for adenosine. Inhibited by dipyridamole and dilazep (anticancer chemotherapeutics drugs).,PTM:Glycosylated.,similarity:Belongs to the SLC29A transporter family.,tissue specificity:Expressed in heart, brain, mammary gland, |

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erythrocytes and placenta, and also in fetal liver and spleen.,

Background

This gene is a member of the equilibrative nucleoside transporter family. The gene encodes 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. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008],

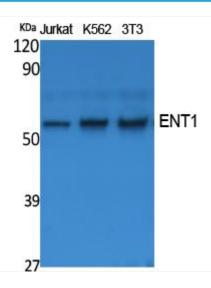
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ENT1 Monoclonal Antibody

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