

# SLC29A2 rabbit monoclonal antibody

Catalog # H00003177-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human SLC29A2 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human SLC29A2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human SLC29A2 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SLC29A2

Entrez GeneID	<a href="#">3177</a>
GeneBank Accession#	<a href="#">SLC29A2</a>
Gene Name	SLC29A2
Gene Alias	DER12, ENT2, HNP36
Gene Description	solute carrier family 29 (nucleoside transporters), member 2
Omim ID	<a href="#">602110</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The uptake of nucleosides by transporters, such as SLC29A2, is essential for nucleotide synthesis by salvage pathways in cells that lack de novo biosynthetic pathways. Nucleoside transport also plays a key role in the regulation of many physiologic processes through its effect on adenosine concentration at the cell surface (Griffiths et al., 1997 [PubMed 9396714]).[supplied by OMIM]
Other Designations	equilibrative nucleoside transporter 2 hydrophobic nucleolar protein, 36kD

## Disease

- [Depressive Disorder](#)
- [Fatigue](#)
- [Sleep Disorders](#)
- [Sleep Initiation and Maintenance Disorders](#)