Anti-SLC2A2 antibody

Cat. No.	ml160434
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-SLC2A2 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human SLC2A2
Reactivity	Human
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

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Symbol	SLC2A2
Full name	solute carrier family 2 (facilitated glucose transporter), member 2
Synonyms	GLUT2
Swissprot	P11168

Target Background

This gene encodes an integral plasma membrane glycoprotein of the liver, islet beta cells, intestine, and kidney epithelium. The encoded protein mediates facilitated bidirectional glucose transport. Because of its low affinity for glucose, it has been suggested as a glucose sensor. Mutations in this gene are associated with susceptibility to diseases, including Fanconi-Bickel syndrome and noninsulin-dependent diabetes mellitus (NIDDM). Alternative splicing results in multiple transcript variants of this gene.

Applications

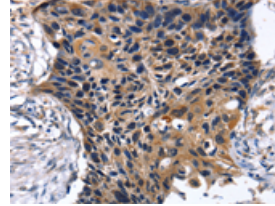**Immunohistochemistry**

Predicted cell location: Cytoplasm and Cell membrane

Positive control: Human breast cancer

Recommended dilution: 25-100

Predicted cell location: Cytoplasm and Cell membrane

Positive control: Human esophagus cancer

Recommended dilution: 25-100
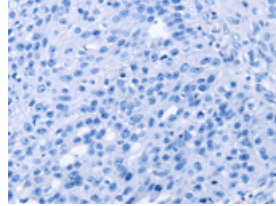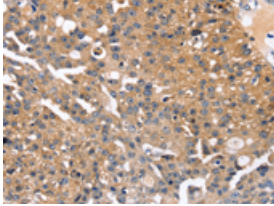
The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml160434(SLC2A2 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: ×200)
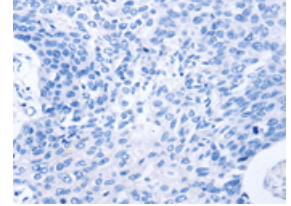
The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml160434(SLC2A2 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000