



# ZIP2 Monoclonal Antibody

<b>Catalog No</b>	BYmab-04273
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	SLC39A2
<b>Protein Name</b>	Zinc transporter ZIP2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SLC39A2. AA range:11-60
<b>Specificity</b>	ZIP2 Monoclonal Antibody detects endogenous levels of ZIP2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	SLC39A2; ZIP2; Zinc transporter ZIP2; 6A1; Eti-1; Solute carrier family 39 member 2; Zrt- and Irt-like protein 2; ZIP-2; hZIP2
<b>Observed Band</b>	36kD
<b>Cell Pathway</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	Expressed only in prostate and uterine epithelial cells.
<b>Function</b>	function:Mediates zinc uptake. Zinc uptake may be mediated by a Zn(2+)-HCO(3)(-) symport mechanism and can function in the presence of albumin. May also transport other divalent cations. May be important in contact inhibition of normal epithelial cells and loss of its expression may play a role in tumorigenesis.,induction:Shows a dramatic induction in normal epithelial cells contact inhibition.,miscellaneous:Zinc uptake is inhibited at pH levels below 7.0 and is stimulated at higher pH and is significantly inhibited by Cu(2+), Co(2+) and Mn(2+) ions. Not inhibited by Fe(2+).,similarity:Belongs to the ZIP transporter (TC 2.A.5) family.,tissue specificity:Expressed only in prostate and uterine epithelial cells.,

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<b>Background</b>	This gene encodes a member of the ZIP family of metal ion transporters. The encoded protein functions as a zinc transporter. Mutations in this gene may be associated with susceptibility to carotid artery disease. Multiple transcript variants have been described. [provided by RefSeq, Mar 2010],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

