



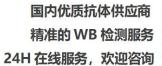
SC5A5 Monoclonal Antibody

Catalog No	BYmab-06211
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	SLC5A5 NIS
Protein Name	Sodium/iodide cotransporter (Na(+)/I(-) cotransporter) (Sodium-iodide symporter) (Na(+)/I(-) symporter) (Solute carrier family 5 member 5)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SC5A5 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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%
Purity Storage Stability	≥90% -20°C/1 year
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Storage Stability	
Storage Stability Synonyms	-20°C/1 year
Storage Stability Synonyms Observed Band	-20°C/1 year 70kD
Storage Stability Synonyms Observed Band Cell Pathway	-20°C/1 year 70kD Membrane; Multi-pass membrane protein. Expression is primarily in thyroid tissue, but also to a lower extent in mammary
Storage Stability Synonyms Observed Band Cell Pathway Tissue Specificity	70kD Membrane; Multi-pass membrane protein. Expression is primarily in thyroid tissue, but also to a lower extent in mammary gland and ovary. Expression is reduced in tumors. disease:Defects in SLC5A5 are the cause of congenital hypothyroidism due to dyshormonogenesis type 1 (CHDH1) [MIM:274400]. CHDH1 is characterized by an inability of the thyroid to maintain a concentration difference of readily exchangeable iodine between the plasma and the thyroid gland, leading to congenital hypothyroidism.,function:Mediates iodide uptake in the thyroid gland.,similarity:Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family.,tissue specificity:Expression is primarily in thyroid tissue, but also to a

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	incorporated into the metabolic regulators triiodothyronine (T3) and tetraiodothyronine (T4). Mutations in this gene are associated with thyroid dyshormonogenesis 1.[provided by RefSeq, Sep 2009],
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

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