



MC4-R Monoclonal Antibody

Catalog No	YP-mAb-13405
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MC4R
Immunogen	The antiserum was produced against synthesized peptide derived from human MC4R. AA range:281-330
Specificity	MC4-R Monoclonal Antibody detects endogenous levels of MC4-R 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MC4-R;MC4R;Melanocortin receptor 4
Observed Band	37kD
Calculated Molecular Weight	37kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Brain, placental, and gut tissues.
Function	disease:Defects in MC4R are a cause of autosomal dominant obesity [MIM:601665].,function:Receptor specific to the heptapeptide core common to adrenocorticotrophic hormone and alpha-, beta-, and gamma-MSH. This receptor is mediated by G proteins that stimulate adenylate cyclase.,online information:Melanocortin receptor entry,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with ATRNL1.,tissue specificity:Brain, placental, and gut tissues.,
Background	The protein encoded by this gene is a membrane-bound receptor and member of the melanocortin receptor family. The encoded protein interacts with adrenocorticotrophic and MSH hormones and is mediated by G proteins. This is an intronless gene. Defects in this gene are a cause of autosomal dominant



obesity. [provided by RefSeq, Jan 2010],

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

