



Fetuin-A mouse mAb

Catalog No	YP-mAb-12474
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	AHSG FETUA PRO2743
Immunogen	Synthesized peptide derived from human Fetuin-A
Specificity	This antibody detects endogenous levels of Human Fetuin-A
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	AHSG;Fetuin-A;Alpha-2-HS-glycoprotein;Alpha 2 Z globulin;alpha 2 HS glycoprotein;AHSG FETUA PRO2743;Alpha-2-HS-glycoprotein (Alpha-2-Z-globulin;Ba-alpha-2-glycoprotein;Fetuin-A) [Cleaved into: Alpha-2-HS-glycoprotein chain A;Alpha-2-HS-glycoprotein chain B]
Observed Band	58 kDa
Calculated Molecular Weight	367 aa, 39 kDa
Cell Pathway	Secreted.
Tissue Specificity	Synthesized in liver and selectively concentrated in bone matrix. Secreted in plasma. It is also found in dentin in much higher quantities than other plasma proteins.
Function	skeletal system development, ossification, acute inflammatory response, reproductive developmental process,endocytosis, pinocytosis, defense response, acute-phase response, inflammatory response, sex differentiation, gonad development, male gonad development, response to wounding, response to endogenous stimulus, response to hormone stimulus, negative regulation of signal transduction, response to organic substance, membrane invagination, negative regulation of cell communication, membrane organization, vesicle-mediated transport, telencephalon development, pallium development, cerebral



cortex development, regulation of endocytosis, regulation of ossification, negative regulation of ossification, regulation of bone mineralization, negative regulation of bone mineralization,forebrain development, regulation of response to external stimulus, regulation of homeostatic process, positive regula

Background

function:Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Shows affinity for calcium and barium ions., polymorphism:There are two common alleles, AHSG*1 and AHSG*2. AHSG*1 has Thr-248/Thr-256; AHSG*2 has Met-248/Ser-256.,similarity:Belongs to the fetuin family.,similarity:Contains 2 cystatin domains.,subunit:Alpha-2-HS glycoprotein derives from this precursor, when the connecting peptide is cleaved off. The two chains A and B are held together by a single disulfide bond.,tissue specificity:Synthesized in liver and selectively concentrated in bone matrix. Secrete din plasma. It is also found in dentin in much higher quantities than other plasma proteins.,

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