



CAPG mouse mAb

Catalog No	YP-mAb-18089
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CAPG AFCP MCP
Immunogen	Synthesized peptide derived from human CAPG
Specificity	This antibody detects endogenous levels of CAPG at Human,Rat
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	Actin regulatory protein CAP-G;Macrophage-capping protein;CAPG;CAPG AFCP MCP;Macrophage-capping protein (Actin regulatory protein CAP-G)
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	
Tissue Specificity	Nucleus . Cytoplasm . Melanosome . Cell projection, lamellipodium . Cell projection, ruffle . In macrophages, may be predominantly cytoplasmic. Nuclear localization was observed in fibroblasts. In macrophages, present at the membrane-cytoplasm interface. In activated macrophages, concentrated in the ruffles of the leading lamellipodia. .
Function	Calcium-sensitive protein which reversibly blocks the barbed ends of actin filaments but does not sever preformed actin filaments. May play an important role in macrophage function. May play a role in regulating cytoplasmic and/or nuclear structures through potential interactions with actin. May bind DNA.
Background	

**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