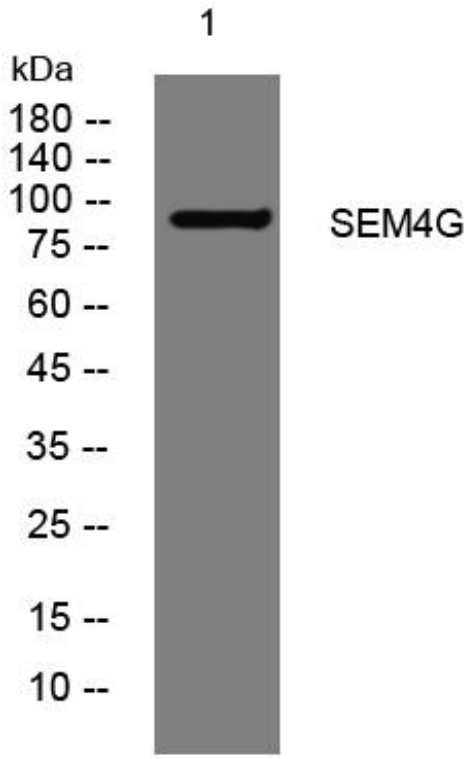
SEM4G mouse mAb

Catalog No	YP-mAb-08643
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SEMA4G KIAA1619
Immunogen	Synthesized peptide derived from human SEM4G AA range: 387-437
Specificity	This antibody detects endogenous levels of SEM4G at Human/Mouse
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	SEM4G;SEMA4G KIAA1619
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	
Function	function:May play a role in axon guidance.,similarity:Belongs to the semaphorin family.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity:Contains 1 PSI domain.,similarity:Contains 1 Sema domain.,
Background	Semaphorins are a large family of conserved secreted and membrane associated proteins which possess a semaphorin (Sema) domain and a PSI domain (found in plexins, semaphorins and integrins) in the N-terminal extracellular portion. Based on sequence and structural similarities, semaphorins are put into eight classes: invertebrates contain classes 1 and 2, viruses have class V, and vertebrates contain classes 3-7. Semaphorins serve as axon guidance ligands via multimeric receptor complexes, some (if not all) containing plexin proteins. Multiple transcript variants encoding different

	isoforms have been found for this gene. [provided by RefSeq, Feb 2011],
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



Western Blot analysis of various cells using SEM4G mouse mAb