



K1C40 mouse mAb

Catalog No	YP-mAb-11212
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KRT40 KA36
Immunogen	Synthesized peptide derived from human K1C40 AA range: 143-193
Specificity	This antibody detects endogenous levels of K1C40 at Human/Mouse/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	K1C40;KRT40 KA36
Observed Band	
Calculated Molecular Weight	
Cell Pathway	intermediate filament,
Tissue Specificity	Expressed in skin and scalp. Also very weakly expressed in tongue, breast, colon and small intestine. In the hair follicle, it is specifically present in the upper hair cuticle. Not present in the upper cortex (at protein level).
Function	developmental stage:During differentiation of the hair, it is one of the last keratins expressed.,function:May play a role in late hair differentiation., miscellaneous:There are two types of cytoskeletal and microfibrillar keratin, I (acidic) and II (neutral to basic) (40-55 and 56-70 kDa, respectively)., similarity:Belongs to the intermediate filament family.,subunit:Heterotetramer of two type I and two type II keratins.,tissue specificity:Expressed in skin and scalp. Also very weakly expressed in tongue, breast, colon and small intestine. In the hair follicle, it is specifically present in the upper hair cuticle. Not present in the upper cortex (at protein level).,



Background

This gene encodes a member of the type I (acidic) keratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. The type I keratin genes are clustered in a region of chromosome 17q12-q21. [provided by RefSeq, Jul 2009],

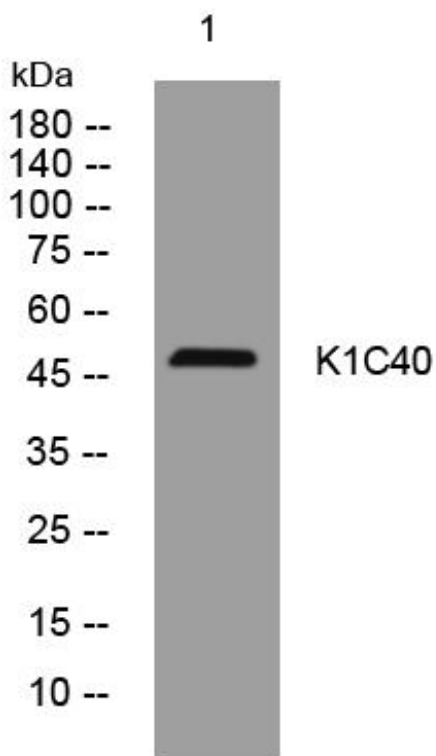
matters needing attention

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



Western Blot analysis of various cells using K1C40 mouse mAb