KRT86 Monoclonal Antibody

Catalog No	YP-mAb-06650
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	KRT86 KRTHB6
Protein Name	Keratin, type II cuticular Hb6 (Hair keratin K2.11) (Keratin-86) (K86) (Type II hair keratin Hb6) (Type-II keratin Kb26)
Immunogen	Synthesized peptide derived from part region of human protein AA range: 416-466
Specificity	KRT86 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	53kD
Cell Pathway	extracellular space,intermediate filament,keratin filament,extracellular exosome,
Tissue Specificity	Synthesis begins slightly higher in the hair shaft than HB1 and HB3 and continues much farther up, ending in the keratogeneous zone.
Function	caution:Maps to a duplicated region on chromosome 12.,disease:Defects in KRT86 are a cause of Monilethrix [MIM:158000]. Monilethrix is an autosomal dominant hair disorder characterized clinically by alopecia and follicular papules. Affected hairs have uniform elliptical nodes of normal thickness and intermittent constrictions, internodes at which the hair easily breaks. Usually only the scalp is involved, but in severe forms, the secondary sexual hair, eyebrows, eyelashes, and nails may also be affected.,miscellaneous:There are two types of hair/microfibrillar keratin, I (acidic) and II (neutral to basic).,similarity:Belongs to the intermediate filament family.,subunit:Heterotetramer of two type I and two type II keratins.,tissue specificity:Synthesis begins slightly higher in the hair shaft than HB1 and HB3 and continues much farther up, ending in the keratogeneous zone.,
Background	This gene encodes a type II keratin protein, which heterodimerizes with type I keratins to form hair and nails. This gene is present in a cluster of related genes and pseudogenes on chromosome 12. Mutations in this gene have been

	observed in patients with the hair disease monilethrix. [provided by RefSeq, Feb 2016],
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.

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