

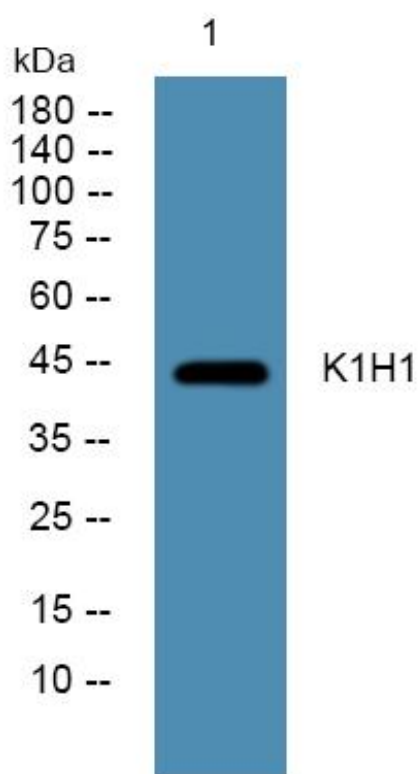


K1H1 Monoclonal Antibody

Catalog No	YP-mAb-05118
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	KRT31 HHA1 HKA1 KRTHA1
Protein Name	Keratin, type I cuticular Ha1 (Hair keratin, type I Ha1) (Keratin-31) (K31)
Immunogen	Synthesized peptide derived from human protein . at AA range: 10-90
Specificity	K1H1 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	45kD
Cell Pathway	extracellular space,intermediate filament,extracellular exosome,
Tissue Specificity	Present in scalp but not in hairless skin. Abundantly expressed in the differentiating cortex of growing (anagen) hair. Expression is restricted to the keratinocytes of the hair cortex and is absent from inner root sheath and medulla.
Function	miscellaneous:There are two types of hair/microfibrillar keratin, I (acidic) and II (neutral to basic).,similarity:Belongs to the intermediate filament family.,tissue specificity:Present in scalp but not in hairless skin. Abundantly expressed in the differentiating cortex of growing (anagen) hair. Expression is restricted to the keratinocytes of the hair cortex and is absent from inner root sheath and medulla.,
Background	The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. [provided by RefSeq, Jul 2008],
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 K1H1 Monoclonal Antibody