



Mouse anti-Human KRT86 monoclonal antibody, clone 4C20-6C20 (CABT-B10539)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KRTHB1 (AAH21241, 1 a.a. ~ 203 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	4C20-6C20
Conjugate	Unconjugated
Applications	WB, IHC, IF, sELISA, ELISA
Sequence Similarities	MKATVIRHGETLRRTEEINELNRMIQRLTAEVENAKCQNSKLEAAVAQSEQQGEAALSD ARCKLAELEGALQAKQDMACLIREYQEVMSKLGLDIEIATYRRLLEGEEQRLCEGIGA VNVCVSSSRGGVVCGLCVSGSRPVTGSVCSAPCNGNVAVSTGLCAPCGQLNTTCGGGSC GVGSCGISSLGVGSCGSSCRKC
Format	Liquid
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is a member of the keratin gene family. As a type II hair
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keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTB1, KRTB3, and KRTB6, is highly related. The other less-related subfamily includes KRTB2, KRTB4, and KRTB5. All hair keratins are expressed in the hair follicle; this hair keratin, as well as KRTB1 and KRTB3, is found primarily in the hair cortex. Mutations in this gene and KRTB1 have been observed in patients with a rare dominant hair disease, monilethrix. [provided by RefSeq, Jul 2008]

Keywords	KRT86; keratin 86, type II; HB6; Hb1; MNX; hHb6; KRTB1; KRTB6; keratin, type II cuticular Hb6; K86; keratin-86; hair keratin K2.11; keratin protein HB6; type-II keratin Kb26; hard keratin, type II, 6; type II hair keratin Hb6; keratin, hair, basic, 6 (monilethrix);
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GENE INFORMATION

Entrez Gene ID	3892
UniProt ID	O43790
Function	structural molecule activity;
