



# Mouse anti-Human KRT33B monoclonal antibody, clone 5B7B8 (CABT-B10535)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KRTHA3B (AAH09971, 1 a.a. ~ 405 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5B7B8
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IF, sELISA, ELISA
<b>Sequence Similarities</b>	MPYNFCLPSLSCRTSCSSRPCVPPSCHGYTLPGACNIPANVSNCFCEGSFNGSEKETM QFLNDRLASYLEKVRQLERDNAELENLIRERSQQQEPLLCPSYQSYFKTIEELQQKILCS KSENARLVQIDNAKLAADDFRKYQTEQSLRQLVESDINSLRRILDETLCRSDLEAQM ESLKEELLSLKQNHEQEVTLRCQLGDRDNVEVDAAPAVDLNQVLNETRNQYEALVETNR REVEQWFATQTEELN
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

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<b>Introduction</b>	This gene encodes a member of the keratin gene family. This gene is one of multiple type I hair keratin genes that are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. As a type I hair keratin, the encoded protein is an acidic protein which heterodimerizes with type II keratins to form hair and nails. There are two isoforms of this protein, encoded by two separate genes, keratin 33A and keratin 33B. [provided by RefSeq, May 2012]
<b>Keywords</b>	KRT33B; keratin 33B, type I; K33B; HA3II; Ha-3II; KRTHA3A; KRTHA3B; hHa3-II; keratin, type I cuticular Ha3-II; type I hair keratin 3B; hard keratin, type I, 3II; keratin, hair, acidic, 3B; hair keratin, type I Ha3-II;

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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">3884</a>
<b>UniProt ID</b>	<a href="#">Q14525</a>
<b>Function</b>	protein binding; structural molecule activity

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