



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

Immunogen	KRTHA3B (AAH09971, 1 a.a. ~ 405 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	5B7B8
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	MPYNFCLPSLSCRTSCSSRPCVPPSCHGYTLPGACNIPANVSNCNWFCEGSFNGSEKETM QFLNDRLASYLEKVRQLERDNAELENLIRERSQQQEPLLCPYSYQSYFKTIEELQQKILCS KSENARLVVQIDNAKLAADDFRTKYQTEQSLRQLVESDINSLRRILDELTLCRSDLEAQM ESLKEELLSLKQNHEQEVNTLRCQLGDRLNVEVDAAPAVDLNQVLNETRNQYEALVETNR REVEQWFATQTEELN
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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]
Keywords	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;

GENE INFORMATION

Entrez Gene ID	3884
UniProt ID	Q14525
Function	protein binding; structural molecule activity