



## Mouse anti-Human KRT75 monoclonal antibody, clone 4G0 (CABT-B10537)

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

### PRODUCT INFORMATION

<b>Immunogen</b>	KRT75 (NP_004684, 141 a.a. ~ 241 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4G0
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	TIQRVRAEEREQIKTLNNKFASFIDKVRFLEQQNKVLETKWALLQEQQSRTVRQNLEPLF DSYTSELRRQLESITTERGRLEAELRNMQDVVEDFKVRYE*
<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

<b>Introduction</b>	This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the
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cytoplasm of epithelial cells. This gene is expressed in the companion layer, upper germinative matrix region of the hair follicle, and medulla of the hair shaft. The encoded protein plays an essential role in hair and nail formation. Variations in this gene have been associated with the hair disorders pseudofolliculitis barbae (PFB) and loose anagen hair syndrome (LAHS). [provided by RefSeq, Oct 2008]

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<b>Keywords</b>	KRT75; keratin 75, type II; PFB; K6HF; KB18; keratin, type II cytoskeletal 75; K75; CK-75; hK6hf; keratin-75; cytokeratin-75; type II keratin-18; cytokeratin type II; type II keratin-K6hf; type-II keratin Kb18; keratin-6 hair follicle;
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## GENE INFORMATION

Entrez Gene ID [9119](#)

UniProt ID [O95678](#)

Function structural molecule activity