

Datasheet for ABIN517404

anti-Cytokeratin 18 antibody (AA 1-430)



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4 Images

Overview

Quantity:	100 µg
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	AA 1-430
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant KRT18.
Immunogen:	KRT18 (AAH20982, 1 a.a. ~ 430 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSFTTRSTFS TNYRSLGSVQ APSYGARVPS SAASVYAGAG GSGSRISVSR STSFRGGMGS GGLATGIAGG LAGMGGIQNE KETMQSLNDR LASYLDRVRS LETENRRLES KIREHLEKKG PQVRDWSHYF KIIEDLRAQI FANTVDNARI VLQIDNARLA ADDFRVKYET ELAMRQSVEN DIHGLRKVID DTNITRLQLE TEIEALKEEL LFMKKNHEEE VKGLQAQIAS SGLTVEVDAP KSQDLAKIMA DIRAQYDELA RKNREELDKY WSQQIEESTT VVTTQSAEVG AAETTLTELK RTVQSLEIDL DSMRNLKASL ENSLREVEAR YALQMEQLNG ILLHLESELA QTRAEGQRQA QEYEALLNIK VKLEAEIATY RRLLEDGEDF NLGDALDSSN SMQTIQKTTT RRIVDGKVVV ETNDTKVLRH

Product Details

Clone:	1G8
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

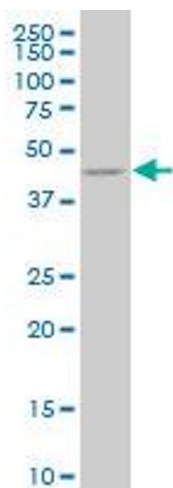
Target:	Cytokeratin 18 (KRT18)
Alternative Name:	KRT18 (KRT18 Products)
Background:	Full Gene Name: keratin 18 Synonyms: CYK18,K18
Gene ID:	3875
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

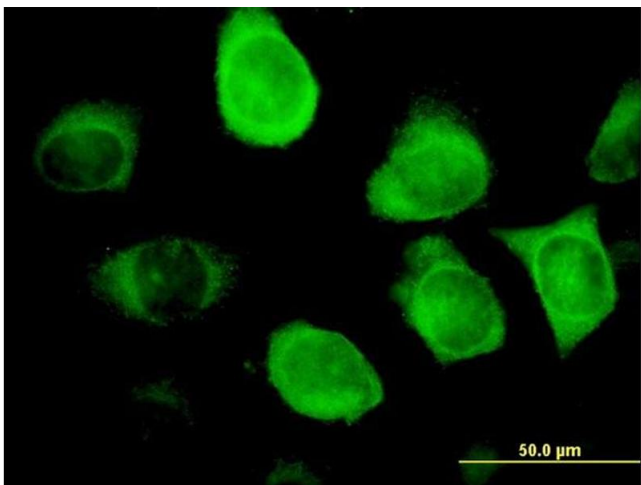
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



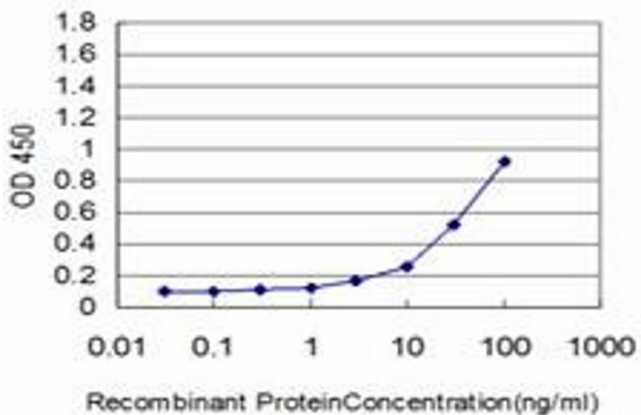
Western Blotting

Image 1. KRT18 monoclonal antibody (M03), clone 1G8
Western Blot analysis of KRT18 expression in HeLa S3 NE .



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to
KRT18 on HeLa cell. [antibody concentration 10 ug/ml]



ELISA

Image 3. Detection limit for recombinant GST tagged
KRT18 is approximately 3ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN517404.