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Datasheet for ABIN656548 anti-KERA antibody (C-Term)

5 Images



Overview

Quantity:	400 µL
Target:	KERA
Binding Specificity:	AA 228-257, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KERA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

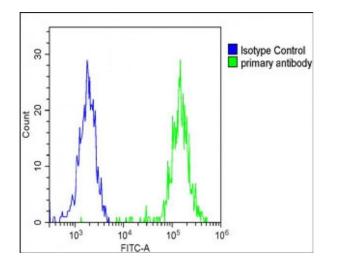
Immunogen:	This KERA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-257 amino acids from the C-terminal region of human KERA.
Clone:	RB32135
lsotype:	lgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

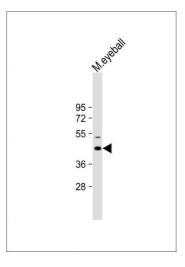
Target Details

Target:	KERA
Alternative Name:	KERA (KERA Products)

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Target Details	
Background:	The protein encoded by this gene is a keratan sulfate proteoglycan that is involved in corneal transparency. Defects in this gene are a cause of autosomal recessive cornea plana 2 (CNA2).
Molecular Weight:	40509
Gene ID:	11081
NCBI Accession:	NP_008966
UniProt:	060938
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P-Leica: 1:500. FC: 1:25
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	KERA Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage place the at -20 °C.
Expiry Date:	6 months





Flow Cytometry

Image 1. Overlay histogram showing SK-OV-3 cells stained with (ABIN656548 and ABIN2845810)(green line). The cells were fixed with 2 % paraformaldehyde and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 μ g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

Western Blotting

Image 2. KERA Antibody (C-term) (ABIN656548 and ABIN2845810) western blot analysis in MDA-M cell line lysates ($35 \mu g$ /lane).This demonstrates the KERA antibody detected the KERA protein (arrow).

Western Blotting

Image 3. Anti-KERA Antibody (C-term) at 1:1000 dilution + Mouse eyeball lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 5 images are available for ABIN656548.

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