

# Rabbit anti-Human, Mouse KERA Polyclonal Antibody | anti-KERA antibody

Anti-KERA Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                   |
|-----------|--------|--------------|------------------------------------------------|
| AAA265451 | Rabbit | Human, Mouse | Flow Cytometry, Functional Assay, Western Blot |

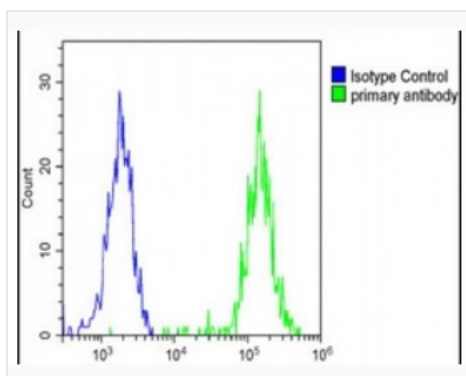
## PRODUCT SYNONYMS

KERA; Polyclonal Antibody; Anti-KERA Antibody; anti-KERA antibody

## PRODUCT SPECIFICATIONS

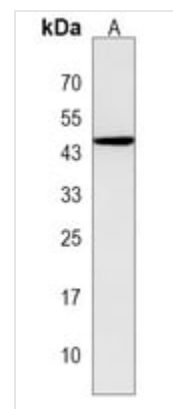
|                                                |                                                                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                  |
| Reactivity                                     | Human, Mouse                                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                              |
| Specificity                                    | Recognizes endogenous levels of KERA protein.                                                                                           |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                         |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.                                |
| Applicable Applications for anti-KERA antibody | FCM/FACS (Flow Cytometry), WB (Western Blot)                                                                                            |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the C-terminal region of human KERA. The exact sequence is proprietary. |
| Preparation and Storage                        | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                                                 |

## IMAGES



### FCM/FACS (Flow Cytometry)

Flow cytometric analysis of SKOV3 cells using Anti-KERA Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 degree C for 60 min. The secondary antibody Goat Anti-Rabbit IgG (H&L) - AF488 was incubated at 37 degree C for 40 min. Isotype control antibody (blue line) was used under the same condition.



### WB (Western Blot)

Western blot analysis of KERA expression in mouse eyes (A) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 44 kD)

## ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-KERA antibody | Rabbit polyclonal antibody to KERA |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                   |
|----------------------------------|-------------------|
| NCBI GI #                        | 5901992           |
| NCBI GeneID                      | 11081             |
| NCBI Accession #                 | NP_008966.1       |
| NCBI GenBank Nucleotide #        | NM_007035.3       |
| UniProt Accession #              | O60938; O35367    |
| NCBI Official Full Name          | keratocan         |
| NCBI Official Synonym Full Names | keratocan         |
| NCBI Official Symbol             | KERA              |
| NCBI Official Synonym Symbols    | KTN; CNA2; SLRR2B |
| NCBI Protein Information         | keratocan         |
| UniProt Protein Name             | Keratocan         |
| UniProt Gene Name                | <b>KERA</b>       |
| UniProt Synonym Gene Names       | SLRR2B; KTN       |
| UniProt Entry Name               | KERA_HUMAN        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.