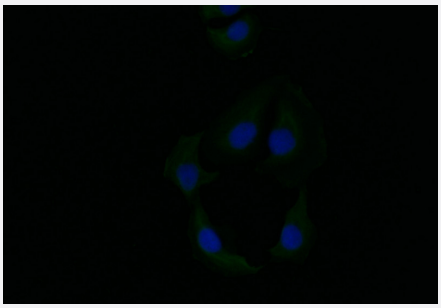
RecomAb™

KRT6A recombinant monoclonal antibody, clone 21E2

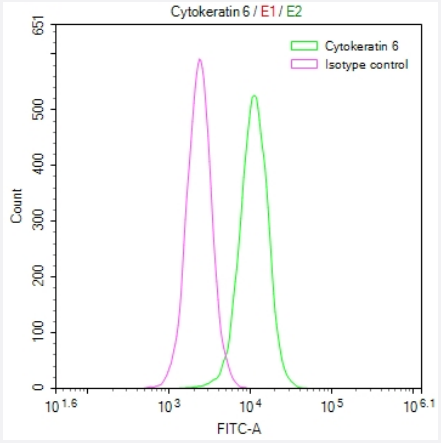
Catalog # RAB07754 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence staining of A549 Cells with KRT6A recombinant monoclonal antibody, clone 21E2 at 1:10, counter-stained with DAPI.



Flow Cytometry

Overlay Peak curve showing Hela cells stained with KRT6A recombinant monoclonal antibody, clone 21E2 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KRT6A.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human KRT6A.
Reactivity	Human
Form	Liquid

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Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescence staining of A549 Cells with KRT6A recombinant monoclonal antibody, clone 21E2 at 1:10, counter-stained with DAPI.

- Flow Cytometry

  Overlay Peak curve showing Hela cells stained with KRT6A recombinant monoclonal antibody, clone 21E2 (red line) at 1:50.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — KRT6A

Entrez GeneID	3853
Protein Accession#	P02538
Gene Name	KRT6A
Gene Alias	CK6A, CK6C, CK6D, K6A, K6C, K6D, KRT6C, KRT6D
Gene Description	keratin 6A
Omim ID	148041 167200
Gene Ontology	Hyperlink

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Gene Summary	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coex pressed during differentiation of simple and stratified epithelial tissues. As many as six of this typ e II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successiv e gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 i n the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, t he outer root sheath of hair follicles, and the glandular epithelia. This KRT6 gene in particular enco des the most abundant isoform. Mutations in these genes have been associated with pachyonychi a congenita. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provid ed by RefSeq
Other Designations	56 cytoskeletal type II keratin|K6D keratin|cytokeratin 6A|cytokeratin 6C|cytokeratin 6D|keratin 6C| keratin, epidermal type II, K6A|keratin, epidermal type II, K6C|keratin, type II cytoskeletal 6D|type II keratin isoform K6c

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