

Rabbit anti-Human, mouse KRT4 Polyclonal Antibody | anti-KRT4 antibody

KRT4 Antibody (C-term)

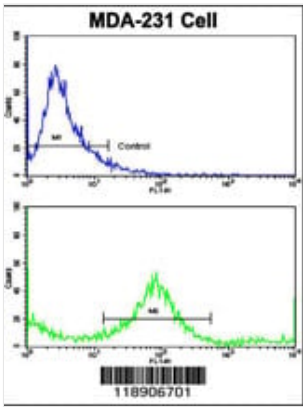
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283779	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

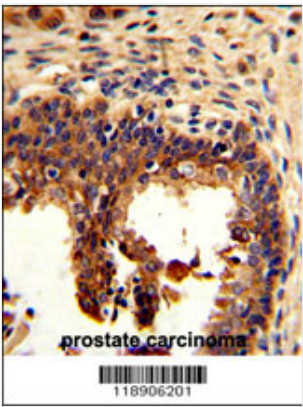
KRT4; Polyclonal Antibody; KRT4 Antibody (C-term); Keratin; type II cytoskeletal 4; Cytokeratin-4; CK-4; Keratin-4; K4; Type-II keratin Kb4; CYK4; anti-KRT4 antibody

PRODUCT SPECIFICATIONS

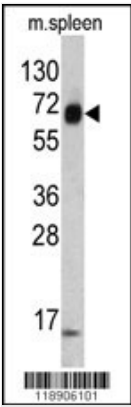
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KRT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 386-415 amino acids from the C-terminal region of human KRT4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	386-415
Sequence Length	534
Applicable Applications for anti-KRT4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MDA-231 cells using KRT4 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with KRT4 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of KRT4 antibody (C-term) in mouse spleen tissue lysates (35ug/lane). KRT4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT4 antibody	The protein is a member of the keratin family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in differentiated layers of the mucosal and esophageal epithelia with family member KRT13.
Product Categories/Family for anti-KRT4 antibody	Signal Transduction
References	Zhang,J.M., Oral Dis 15 (1), 100-105 (2009) Samen,U., Infect. Immun. 75 (11), 5405-5414 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	82654947
UniProt Accession #	P19013; Q6GTR8; Q96LA7; Q9BTL1; F8VS64
Molecular Weight	57285
NCBI Official Full Name	Keratin, type II cytoskeletal 4
UniProt Protein Name	Keratin, type II cytoskeletal 4

UniProt Gene Name	KRT4
UniProt Synonym Gene Names	CYK4; CK-4; K4
UniProt Entry Name	K2C4_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/krt4-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283779>