

Rabbit anti-Human Cytokeratin 8/18 Monoclonal Antibody | anti-KRT8 antibody

Cytokeratin 8/18

CATALOG # AAA215375	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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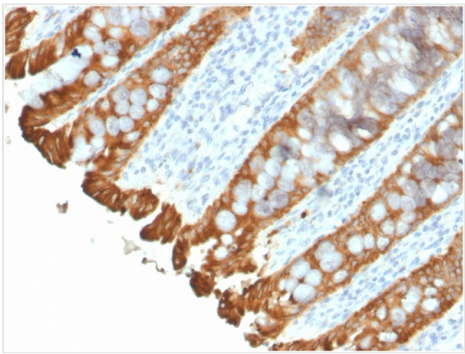
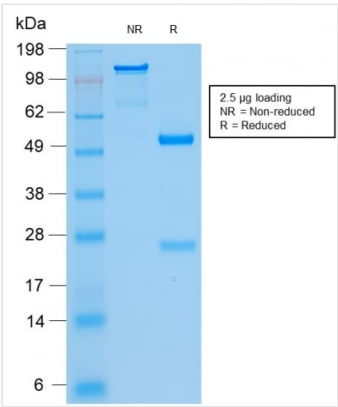
PRODUCT SYNONYMS

Cytokeratin 8/18; Monoclonal Antibody; CARD2; CK8; CYK8; CYKER; Cytokeratin Endo A; DreK8; EndoA; K2C8; K8; Keratin 8; Krt 2.8; KRT8; Type-II Keratin Kb8. Cell Proliferation-inducing Gene 46 Protein; CK18; CYK18Cytokeratin Endo B; K18; Keratin-18; Kerd; KRT18; anti-KRT8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	KRT8.18/2297R
Specificity	Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). This MAb cocktail recognizes all simple epithelia including glandular epithelium, for example thyroid, female breast, gastrointestinal tract, respiratory tract, and urogenital tract including transitional epithelium. All adenocarcinomas and most squamous carcinomas are positive but keratinizing squamous carcinomas are usually negative. This antibody is useful in demonstrating the presence of Paget cells; there is very little keratin 18 in the normal epidermis so only Paget cells are stained. Immunohistochemical staining with this MAb is indistinguishable from that obtained with monoclonal antibody 5D3.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml or Purified Ab with BSA and Azide at 200ug/ml or Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	483
Applicable Applications for anti-KRT8 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant full-length Human KRT8/18 protein
Cellular Localization	Cytoplasmic
Antibody Type	Recombinant Antibody
Hu-chromosome Location	17q21.2 (CK8); 12q13.13 (CK18)
Positive Control	MCF-7 or A431 cells. Skin, Colon, Lung or Breast carcinoma.
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin fixed paraffin embedded human colon stained with Cytokeratin 8/18 Rabbit Recombinant Monoclonal Antibody (KRT8.18/2297R).

SDS-PAGE
SDS-PAGE Analysis Purified Cytokeratin 8/18 Rabbit Recombinant Monoclonal Antibody (KRT8.18/2297R).

ADDITIONAL INFORMATION

References	Angus B et. al. J Path, 153:377-384, 1987
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NCBI AND UNIPROT INFORMATION

NCBI GI #	372466577
NCBI GeneID	3856
NCBI Accession #	NP_001243222.1
NCBI GenBank Nucleotide #	NP_001243222.1
UniProt Accession #	P05787; P05783
Molecular Weight	52.5kDa (CK8); 45kDa (CK18)
NCBI Official Full Name	keratin, type II cytoskeletal 8 isoform 2
NCBI Official Synonym Full Names	keratin 8
NCBI Official Symbol	KRT8
NCBI Official Synonym Symbols	K8; KO; CK8; CK-8; CYK8; K2C8; CARD2
NCBI Protein Information	keratin, type II cytoskeletal 8
UniProt Protein Name	Keratin, type II cytoskeletal 8
UniProt Gene Name	KRT8
UniProt Synonym Gene Names	CYK8; CK-8; K8
UniProt Entry Name	K2C8_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.