

Rabbit anti-Human Pan Cytokeratin/P-CK Polyclonal Antibody | anti-Pan antibody

Anti-Pan Cytokeratin/P-CK Antibody, Rabbit Polyclonal

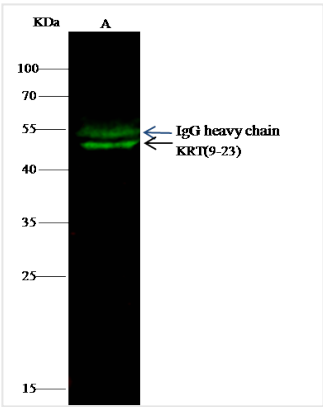
CATALOG # AAA254304	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Pan Cytokeratin/P-CK; Polyclonal Antibody; Anti-Pan Cytokeratin/P-CK Antibody; Rabbit Polyclonal; Pan Cytokeratin/KRT(pan) Antibody; Rabbit PAb; Antigen Affinity Purified; anti-Pan antibody

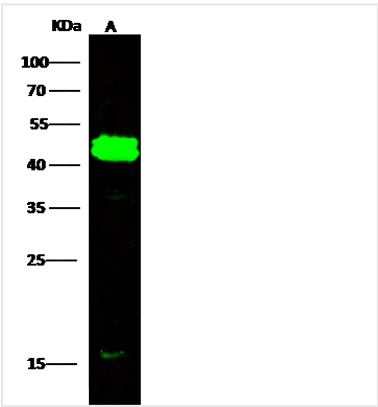
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Pan Cytokeratin/KRT (pan)
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Pan antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human Pan Cytokeratin/KRT(pan)
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human Pan Cytokeratin/KRT(pan), and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

KRT was immunoprecipitated using: Lane A: 0.5 mg Hela Whole Cell Lysate 2 uL anti-KRT rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-KRT rabbit polyclonal antibody, at 1:200 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 62 kDa Observed band size: 45 kDa



WB (Western Blot)

Anti-KRT(9-23) rabbit polyclonal antibody at 1:500 dilution Lane A: COLO205 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 62 kDa Observed band size: 45 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-Pan antibody	Cytokeratins are fibrous intermediate-filament protein polymers present in almost all animal cells. There are 20 known cytokeratins, classified according to their molecular weight and pH as type I or acidic (cytokeratins 9-20) and type II or neutral-basic (cytokeratins 1-8). Cytokeratins have been identified as potential markers for the detection of circulating cancer cells by flow cytometry and RT-PCR. The pan-cytokeratin antibody has been mainly exploited in prognostic studies of circulating and disseminated epithelial tumor cells, particularly in assessing sentinel lymph node biopsies in breast cancer.
References	Rajkovic N, et al. (2018) The pan-cytokeratin staining intensity and fractal computational analysis of breast tumor malignant growth patterns prognosticate the occurrence of distant metastasis. Front Oncol 8 348. Jacques C, et al. (2005) Cytokeratins and dermatology. Skinned 4 (6): 354-360; quiz 360-351.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55956899
NCBI GeneID	3857
NCBI Accession #	NP_000217.2
NCBI GenBank Nucleotide #	NP_000217.2
UniProt Accession #	P35527; O00109; Q0IJ47; Q14665
Molecular Weight	62064 MW
NCBI Official Full Name	keratin, type I cytoskeletal 9
NCBI Official Synonym Full Names	keratin 9
NCBI Official Symbol	KRT9
NCBI Official Synonym Symbols	K9; CK-9; EPPK
NCBI Protein Information	keratin, type I cytoskeletal 9
UniProt Protein Name	Keratin, type I cytoskeletal 9
UniProt Gene Name	KRT9
UniProt Synonym Gene Names	CK-9; K9

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/pan-cytokeratin-p-ck-antibody-immunoprecipitation-western-blot-elisa/254304>