

Cytokeratin 20 Recombinant Antibody | KRT20 recombinant antibody

Rabbit anti-Cytokeratin 20 Recombinant Monoclonal Antibody [BLR105H]

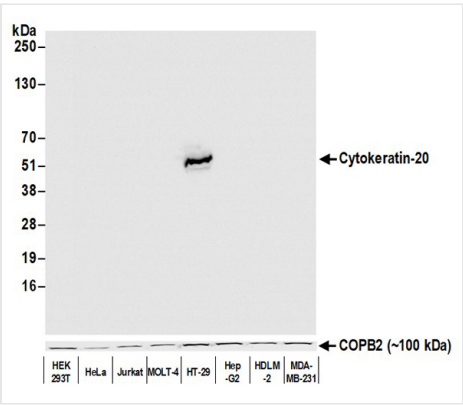
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213580	Rabbit	Human	Immunocytochemistry, Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Cytokeratin 20; Monoclonal Recombinant Antibody; Rabbit anti-Cytokeratin 20 Recombinant Monoclonal Antibody [BLR105H]; keratin 20; type I; KRT21; Keratin-20; CK-20; keratin; type I cytoskeletal 20; protein IT; K20; cytokeratin 20; CK20; CD20; Cytokeratin-20; Keratin; KRT20 recombinant antibody

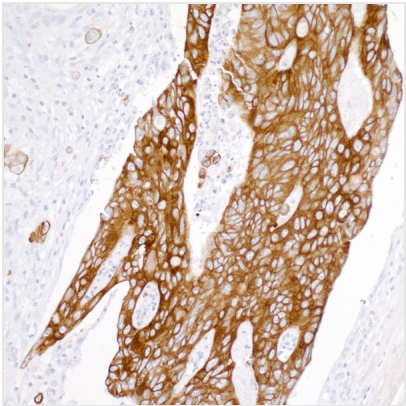
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR105H
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for KRT20 recombinant antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 250 and 300
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



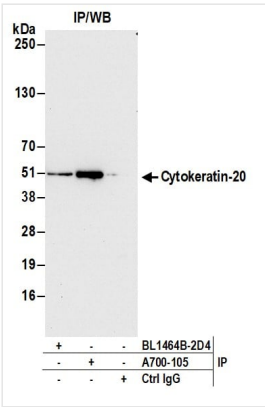
WB (Western Blot)

Detection of human Cytokeratin-20 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, Jurkat, MOLT-4, HT-29, Hep-G2, HDLM-2, and MDA-MB-231 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-Cytokeratin-20 recombinant monoclonal antibody (AAA213580 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 1 second. Lower Panel: Rabbit anti-COPB2 antibody .



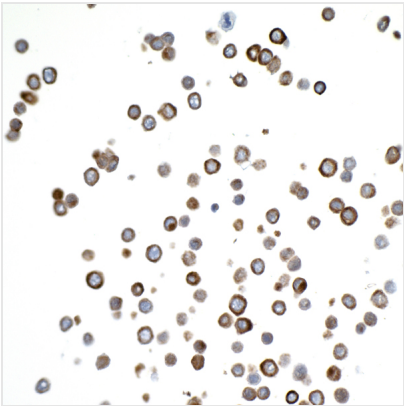
IHC (Immunohistochemistry)

Detection of human Cytokeratin 20 in FFPE colon carcinoma by IHC. Antibody: Rabbit anti-Cytokeratin 20 recombinant monoclonal antibody (AAA213580 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



IP (Immunoprecipitation)

Detection of human Cytokeratin-20 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HT-29 cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-Cytokeratin-20 recombinant monoclonal antibody (AAA213580 lot 1) used for IP at 20 ul/mg lysate. Cytokeratin-20 was also immunoprecipitated by rabbit anti-Cytokeratin-20 antibody BL1464B-2D4. For blotting immunoprecipitated Cytokeratin-20, AAA213580 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.



ICC (Immunocytochemistry)

Detection of human Cytokeratin 20 in FFPE HT-29 cells by ICC. Antibody: Rabbit anti-Cytokeratin 20 recombinant monoclonal antibody (AAA213580 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for KRT20 recombinant antibody	Cytokeratin 20 is a member of the keratin family of intermediate filament proteins responsible for the structural integrity of epithelial cells. Cytokeratin 20 is a type I cytokeratin, acidic proteins which are arranged in pairs of heterotypic keratin chains. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. [taken from NCBI Entrez Gene (Gene ID: 54474)].
Product Categories/Family for KRT20 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894337
NCBI GeneID	54474
NCBI Accession #	NP_061883.1
NCBI GenBank Nucleotide #	NM_019010.2
UniProt Accession #	P35900; B2R6W7

Molecular Weight	48,487 Da
NCBI Official Full Name	keratin, type I cytoskeletal 20
NCBI Official Synonym Full Names	keratin 20
NCBI Official Symbol	KRT20
NCBI Official Synonym Symbols	K20; CD20; CK20; CK-20; KRT21
NCBI Protein Information	keratin, type I cytoskeletal 20; keratin-20; protein IT; cytokeratin 20; cytokeratin-20
UniProt Protein Name	Keratin, type I cytoskeletal 20
UniProt Gene Name	KRT20
UniProt Synonym Gene Names	CK-20; K20
UniProt Entry Name	K1C20_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-20-recombinant-antibody-clone-blr105h-immunocytochemistry-immunohistochemistry-immunoprecipitation-western-blot-elisa/213580>