

Product Datasheet

Recombinant CK19 Antibody / Cytokeratin 19 (orb606438)

Catalog Number	orb606438
Category	Antibodies
Description	Recognizes a protein of 40kDa, identified as cytokeratin-19 (CK19), which is expressed in sweat gland, mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, and ectocervical epithelium. Anti-CK19 reacts with a wide variety of epithelial malignancies including adenocarcinomas of the colon, stomach, pancreas, biliary tract, liver, and breast. Perhaps the most useful application is the identification of thyroid carcinoma of the papillary type, although 50%-60% of follicular carcinomas are also labeled. Anti-CK19 is a useful marker for detection of tumor cells in lymph nodes, peripheral blood, bone marrow and breast cancer.
Clonality	Recombinant
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
Purification	Protein G affinity chromatography
Immunogen	Recombinant human Cytokeratin 19 protein was used as the immunogen for the recombinant CK19 antibody.
UniProt ID	P08727

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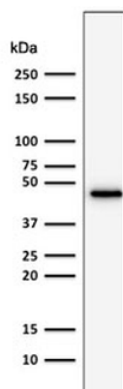
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Tested applications	IHC-P, WB
Dilution range	Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application notes	Optimal dilution of the recombinant CK19 antibody should be determined by the researcher.1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.
Antibody Type	Primary Antibody
Clone Number	rKRT19/800
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Western blot testing of human HepG2 cell lysate using recombinant CK19 antibody (clone rKRT19/800). Predicted molecular weight ~43 kDa.

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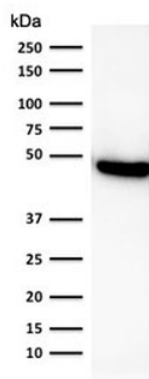
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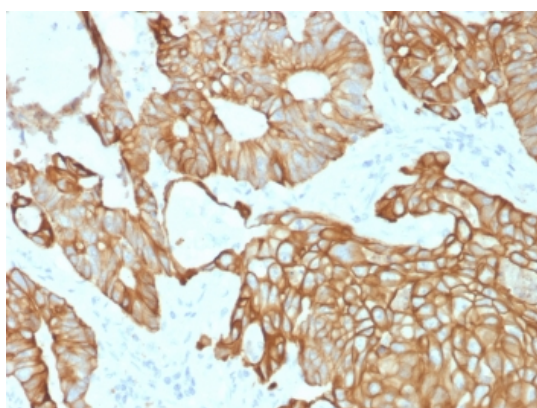
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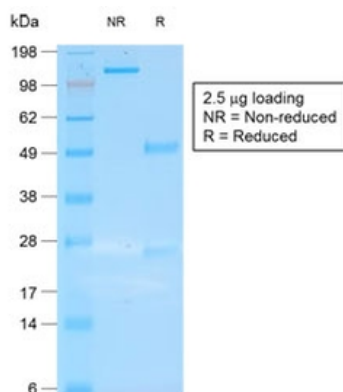
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Western blot testing of human lung lysate using recombinant CK19 antibody (clone rKRT19/800). Predicted molecular weight ~43 kDa.



IHC testing of FFPE human colon carcinoma with recombinant CK19 antibody (clone rKRT19/800). Required HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant CK19 antibody (clone rKRT19/800) as confirmation of integrity and purity.

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