

Product Datasheet

Recombinant Cytokeratin 8 Antibody / Rabbit Monoclonal (orb2640541)

Catalog Number	orb2640541
Category	Antibodies
Description	<p>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). Cytokeratin 8 is primarily found in the non-squamous epithelia and is present in majority of adenocarcinomas and ductal carcinomas. It is absent in squamous cell carcinomas. Hepatocellular carcinomas are defined by the use of antibody that recognizes only cytokeratin 8 and 18. Cytokeratin 8 exists on several types of normal and neoplastic epithelia, including many ductal and glandular epithelia such as colon, stomach, small intestine, trachea, and esophagus as well as in transitional epithelium.</p>
Clonality	Recombinant
Species/Host	Rabbit
Isotype	Rabbit IgG, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
Purification	Protein A affinity chromatography
Immunogen	A cytoskeletal preparation from human HeLa cells was used as the immunogen for this recombinant Cytokeratin 8 antibody.
UniProt ID	P05787

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

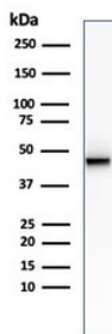
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Tested applications	IHC-P, WB
Dilution range	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT, Western blot: 1-2ug/ml
Application notes	The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the recombinant Cytokeratin 8 antibody to be titered up or down for optimal performance.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	KRT8/2174R
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 HCT-116 cell lysate with recombinant Cytokeratin 8 antibody (clone KRT8/2174R).

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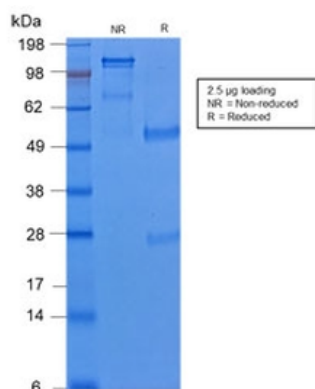
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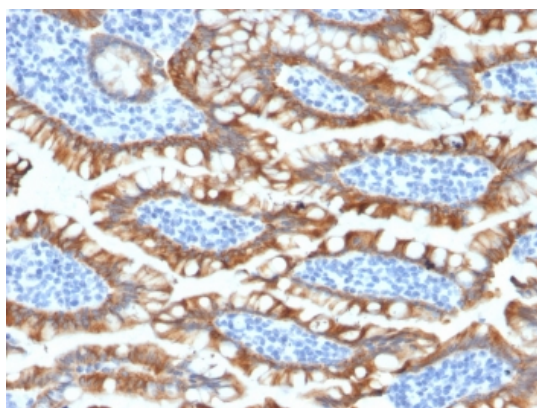
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SDS-PAGE analysis of purified, BSA-free recombinant Cytokeratin 8 antibody (clone KRT8/2174R) as confirmation of integrity and purity.



IHC testing of FFPE human small intestine tissue with recombinant Cytokeratin 8 antibody (clone KRT8/2174R). Required HIER: boil tissue sections in 10mM citrate buffer, pH6, for 10-20 min followed by cooling at RT for 20 min.

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