

Product Datasheet

Cytokeratin 5/8 Antibody (orb2639591)

Catalog Number	orb2639591
Category	Antibodies
Description	It reacts with keratin 5 (58kDa) and keratin 8 (52.5kDa). Simple epithelia express cytokeratin 8 in combination with 18. On the other hand, basal cells of stratified epithelia express cytokeratin 5 paired with 14. This antibody therefore, reacts with a wide range of epithelia and their carcinomas.
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Buffer/Preservatives	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
Purification	Protein G affinity chromatography
Immunogen	A cytoskeletal preparation from HeLa cells was used as the immunogen for the Cytokeratin 5/8 antibody.
UniProt ID	P05787, P13647
Tested applications	FACS, IF, IHC-P, WB
Dilution range	Flow cytometry: 0.5-1ug/10 ⁶ cells, Immunofluorescence: 0.5-1ug/ml, Western blot: 0.5-1ug/ml, Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT

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Application notes

Optimal dilution of the Cytokeratin 5/8 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

C-50

Storage

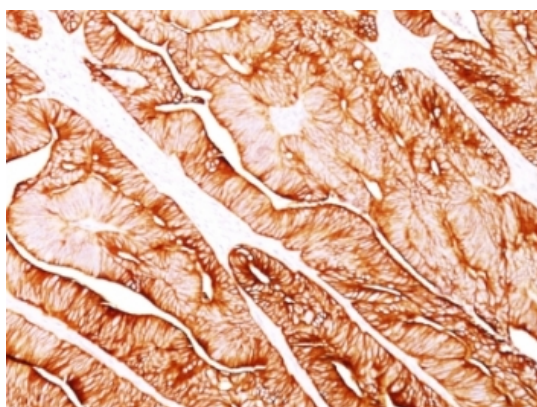
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

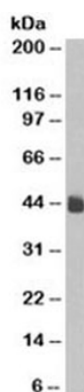
For research use only

Expiration Date

12 months from date of receipt.



IHC analysis of formalin-fixed, paraffin-embedded human colon carcinoma stained with Cytokeratin 5/8 antibody (clone C-50). Required HIER: digest sections with Trypsin at 1mg/ml, 15 min, at RT.



Western blot testing of HeLa cell lysate and Cytokeratin 5/8 antibody (clone C-50). Predicted molecular weight: 52-58kDa but observed here at ~43kDa.

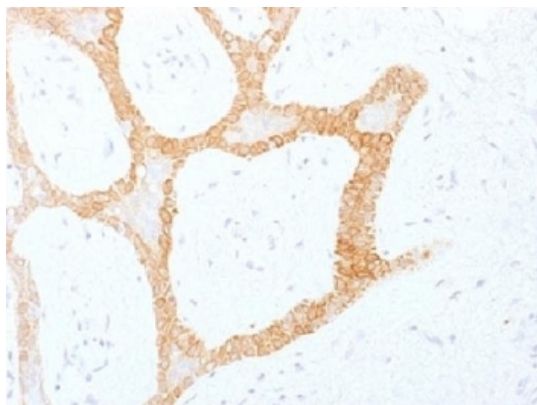
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