

Product Datasheet

KRT19 Antibody / Cytokeratin 19 (orb750301)

Catalog Number	orb750301
Category	Antibodies
Description	Cytokeratin-19 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.
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Immunogen	Human mammary epithelial organoids were used as the immunogen for this Cytokeratin 19 antibody.
UniProt ID	P08727
Tested applications	FACS, IF, IHC-P, WB
Dilution range	Western blot: 1-2ug/ml,Flow cytometry: 1-2ug/million cells,Immunofluorescence: 1-2ug/ml,Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Application notes	Optimal dilution of the antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	SPM561

Formula	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
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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

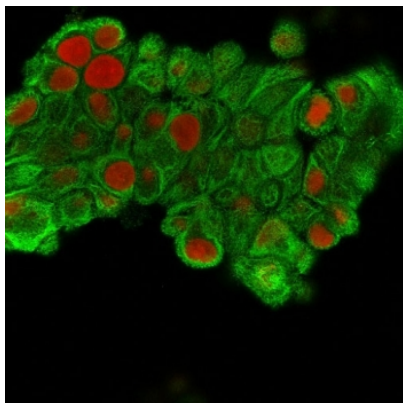
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Storage

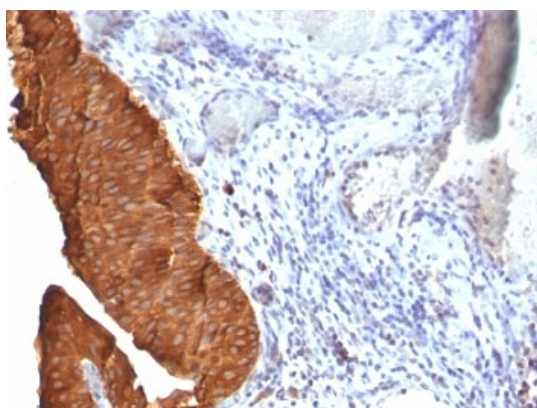
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

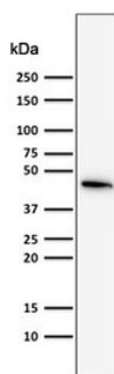
For research use only



Immunofluorescent staining of MeOH fixed human MCF7 cells with Cytokeratin 19 antibody (clone SPM561, green) and Reddot nuclear stain (red).



IHC: Formalin-fixed, paraffin-embedded human bladder carcinoma stained with Cytokeratin 19 antibody (clone SPM561).



Western blot testing of human MCF7 cells with Cytokeratin 19 antibody (clone SPM561). Predicted molecular weight ~43 kDa.

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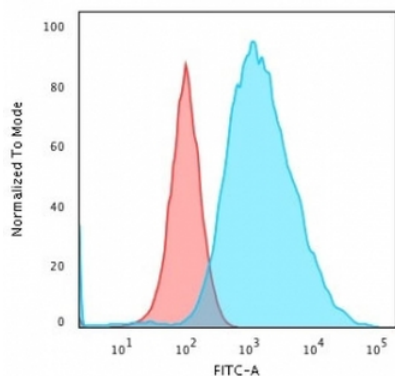
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Flow cytometry testing of MeOH fixed human MCF7 cells with Cytokeratin 19 antibody (clone SPM561); Red=isotype control, Blue= Cytokeratin 19 antibody.

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