

Product Datasheet

Cytokeratin 19 Antibody (orb43666)

Catalog Number	orb43666
Category	Antibodies
Description	Mouse Monoclonal to Cytokeratin 19.
Target	Cytokeratin 19
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Conjugation	Unconjugated
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	Mammary organoids.
UniProt ID	P08727
RRID	AB_10990764
Tested applications	FC, ICC, IHC-P, IP, WB
Application notes	Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining. Immunohistochemistry: Recommended dilution: 5-10 µg/ml. Western blotting: Recommended dilution: 1-2 µg/ml.

Biorbyt Ltd.

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

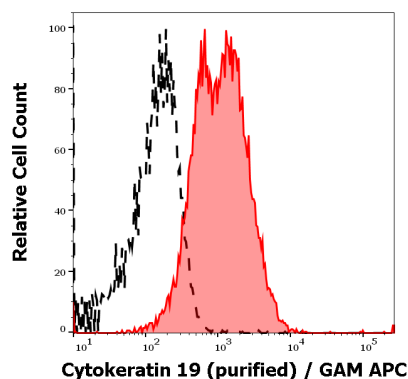
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

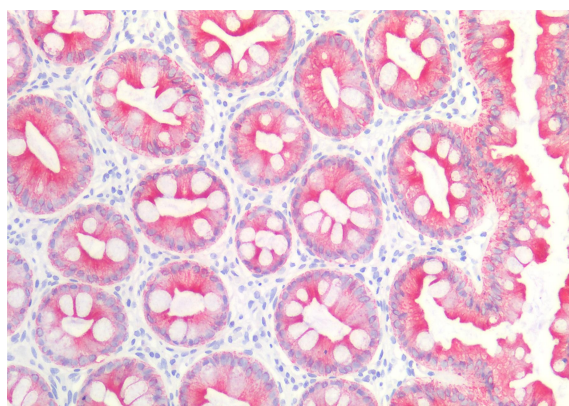
68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

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)

Specificity	The antibody BA-17 reacts with cytokeratin 19 (40 kDa intracellular antigen) in human tissue. Cytokeratin 19 is not expressed in hepatocytes; it is often co-expressed with cytokeratin 7.
Antibody Type	Primary Antibody
Clone Number	BA-17
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
Entrez	3880
Expiration Date	12 months from date of receipt.



Separation of MCF-7 cells (red-filled) from human leukocytes (black-dashed) in flow cytometry analysis (intracellular staining) of peripheral whole blood spiked with MCF-7 cells stained using anti-Cytokeratin 19 (BA-17) purified antibody (concentration in sample 3 µg/ml, GAM APC).



Immunohistochemistry staining of human colon (paraffin sections) using anti-cytokeratin 19 (BA-17).

Biorbyt Ltd.

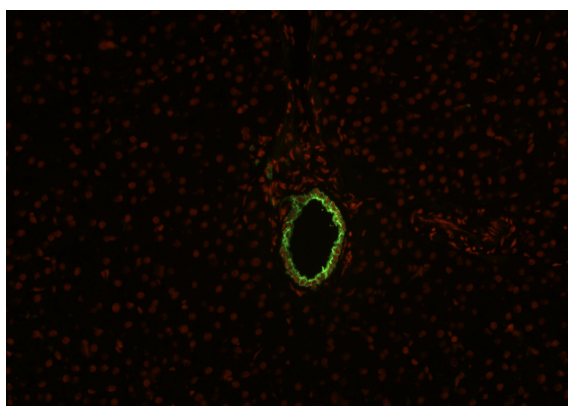
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

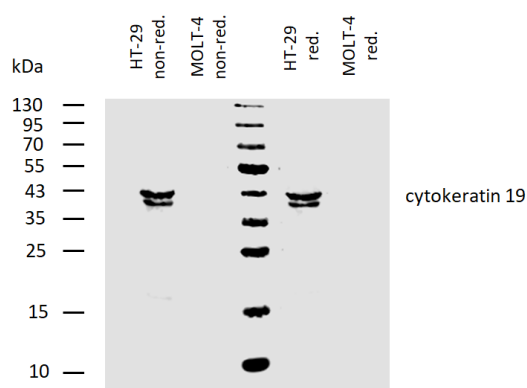
Biorbyt LLC

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

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Immunohistochemistry staining (paraffin sections) of cytokeratin 19 in human liver using mouse monoclonal antibody BA-17 (orb43666, diluted 1:100), detected with GAM IgG-Alexa Fluor®488 (diluted 1:200; green), cell nuclei stained with PI (1 µg/ml; orange).



Western blotting analysis of human cytokeratin 19 using mouse monoclonal antibody BA-17 on lysates of HT-29 cell line and MOLT-4 cell line (cytokeratin non-expressing cell line; negative control) under non-reducing and reducing conditions.

Nitrocellulose membrane was probed with 2 µg/ml of mouse anti-cytokeratin 19 monoclonal antibody followed by IRDye800-conjugated anti-mouse secondary antibody. A specific band was detected for cytokeratin 19 at approximately 41 kDa.

Biorbyt Ltd.

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

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

Phone: +44 (0)1223 859353 | Fax: +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 | Fax: +1 (415) 651-8558