

Product Datasheet

Cytokeratin 8 Antibody (FITC) (orb154469)

Catalog Number	orb154469
Category	Antibodies
Description	Mouse monoclonal antibody conjugated to FITC which recognizes Cytokeratin 8 that belongs to the intermediate filament family. It expressed in epithelium and epithelium-derived tumors. Cytokeratin 8 expression correlates with malignancy in leukoplakia and carcinomas of the head and neck. Cytokeratin 8 has been shown to possess extracellular epitopes on tumor cells, which may represent valuable targets for therapy.
Target	Cytokeratin 8
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	FITC
Reactivity	Bovine, Human, Porcine, Rabbit, Sheep
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Immunogen	Cytoskeleton preparation from HeLa human cervix carcinoma cell line.
UniProt ID	Q7L4M3
Tested applications	FC

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)

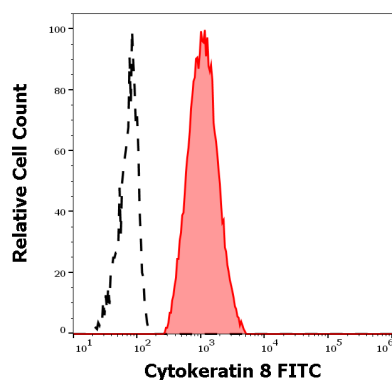
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

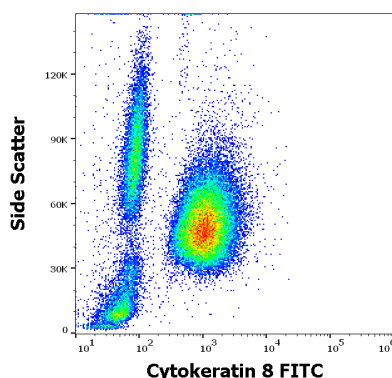
Email: info@biorbyt.com, support@biorbyt.com

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

Application notes	Flow cytometry: Recommended dilution: 1-2 µg/ml. Intracellular staining.
Specificity	The antibody C-43 reacts with cytokeratin 8 (52.5 kDa intracellular antigen). Cytokeratins are members of intermediate filaments subfamily represented in epithelial tissues.
Antibody Type	Primary Antibody
Clone Number	C-43
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	3856
Expiration Date	12 months from date of receipt.



Separation of A431 cellular suspension (red-filled) from human leukocytes (black-dashed) in flow cytometry analysis (intracellular staining) of human peripheral whole blood mixed with A431 cellular suspension stained using anti-Cytokeratin 8 (C-43) FITC antibody (concentration in sample 9 µg/ml).



Flow cytometry intracellular staining pattern of human peripheral whole blood mixed with A431 cellular suspension stained using anti-Cytokeratin 8 (C-43) FITC antibody (concentration in sample 9 µg/ml).

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Durham
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United States

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