

Product Datasheet

Anti-Cytokeratin 18 Biotin (orb43747)

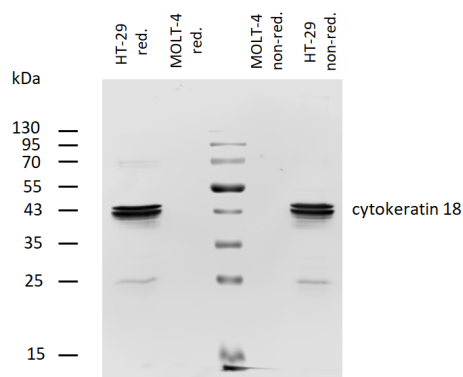
Description	Mouse monoclonal antibody against Cytokeratin 18 conjugated to Biotin
Reactivity	Human
Conjugation	Biotin
Tested Applications	ELISA, ICC, IHC-P, IP, WB
Immunogen	Human breast carcinoma cell line PMC-42.
Target	Cytokeratin 18
Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Concentration	1 mg/ml
Storage	Store at 2-8°C. Do not freeze.
Note	For research use only
Application notes	Western blotting: Recommended dilution: 1-2 µg/ml.
Isotype	Mouse IgG1
Clonality	Monoclonal
Clone Number	DA-7
Purity	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Uniprot ID	P05783
Entrez	3875
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



Western blotting analysis of human cytokeratin 18 using mouse monoclonal antibody DA-7 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 biotinylated mouse anti-cytokeratin 18 monoclonal antibody followed by IRDye800-conjugated streptavidin. Cytokeratin 18 was detected at approximately 46 kDa.

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