

Product Datasheet

Recombinant Cytokeratin 16 Antibody / Rabbit Monoclonal (orb2641014)

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|-----------------------------|--|
| Catalog Number | orb2641014 |
| Category | Antibodies |
| Description | Cytokeratin 16 is an epidermis-specific type I keratin that plays a key role in skin. Acts as a regulator of innate immunity in response to skin barrier breach: required for some inflammatory checkpoint for the skin barrier maintenance. [UniProt] |
| Clonality | Recombinant |
| Species/Host | Rabbit |
| Isotype | Rabbit IgG, kappa |
| Conjugation | Unconjugated |
| Reactivity | Human |
| Buffer/Preservatives | 1 mg/ml in 1X PBS; rAlbumin free, sodium azide free |
| Purification | Protein A affinity chromatography |
| Immunogen | A C-terminal region peptide was used as the immunogen for the recombinant Cytokeratin 16 antibody. |
| UniProt ID | P08779 |
| Tested applications | IHC-P |
| Dilution range | Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT, Prediluted IHC only format : incubate for 30 min at RT (1) |

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

The stated application concentrations are suggested starting points. Titration of the recombinant Cytokeratin 16 antibody may be required due to differences in protocols and secondary/substrate sensitivity.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

CTKN16-1R

Storage

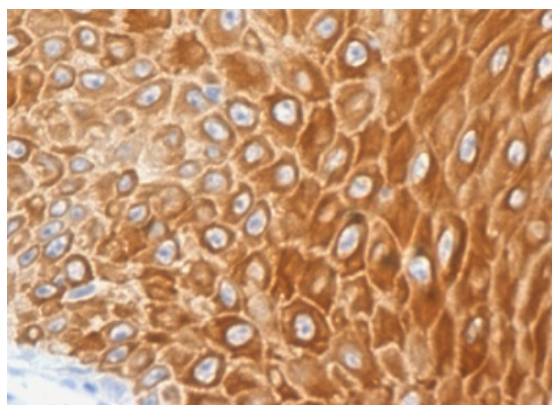
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only

Expiration Date

12 months from date of receipt.



IHC testing of FFPE human skin with recombinant Cytokeratin 16 antibody (clone CTKN16-1R). Required HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

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