

Product Datasheet

Recombinant Multi Cytokeratin Antibody / Rabbit Monoclonal (orb534021)

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| Catalog Number | orb534021 |
| Category | Antibodies |
| Description | Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. This mAb recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, including 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 53kDa (CK13) and 45kDa (CK18). This is a broad-spectrum mAb which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. |
| Clonality | Recombinant |
| Species/Host | Rabbit |
| Isotype | Rabbit IgG, kappa |
| Conjugation | Unconjugated |
| Reactivity | Human |
| Buffer/Preservatives | 0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide |
| Purification | Protein A affinity chromatography |
| Immunogen | Human epithelial cell keratin was used as the immunogen for the recombinant Multi Cytokeratin antibody. |
| Tested applications | IF, IHC-P |
| Dilution range | Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT, Prediluted IHC only format: incubate for 30 min at RT (1) |

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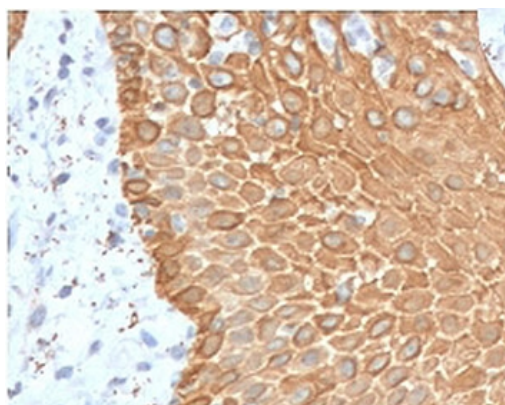
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| Application notes | Optimal dilution of the recombinant Multi Cytokeratin antibody should be determined by the researcher.1.The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min. |
| Antibody Type | Primary Antibody |
| Clone Number | CTKNM-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 staining of FFPE human skin with recombinant Multi Cytokeratin antibody (clone CTKNM-1R). HIER: boil tissue sections in 10mM citrate buffer, pH6, for 10-20 min followed by cooling at RT for 20 min.

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