

Recombinant Cytokeratin 6 / KRT6 (Pan; a,b,c) (Basal Cell Marker) Antibody

Rabbit Monoclonal Antibody [Clone rKRT6/9402]

| Catalog No | Format | Size |
|------------------|---|--------|
| 3853-MSM14-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 3853-MSM14-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 3853-MSM14-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

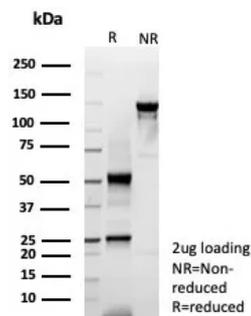
| Applications | Tested Dillution | Note |
|----------------------------|------------------|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

Product Details

| | |
|-------------------------------|---|
| Clone | rKRT6/9402 |
| Gene Name | KRT6A |
| Immunogen | Recombinant fragment (around aa400-564) of human KRT6 (exact sequence is proprietary) |
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype / Light Chain | IgG / Kappa |
| Mol. Weight of Antigen | 56kDa |
| Cellular Localization | Cytoplasm. |
| Species Reactivity | Human |
| Positive Control | Human tonsil or basal cell carcinoma (BCC). Stomach. |

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Cytokeratin 6 / KRT6 (Pan; a,b,c) (Basal Cell Marker) Antibody



SDS-PAGE Analysis of Purified KRT6A Recombinant Mouse Monoclonal Antibody (rKRT6/9402). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Cytokeratin 6 is an epidermis-specific type I keratin involved in wound healing. Involved in the activation of follicular keratinocytes after wounding, while it does not play a major role in keratinocyte proliferation or migration. This protein always paired with the type-I keratin K16. Cytokeratin 6 have been identified in epidermis only in samples from plantar glabrous skin while in hairy skin this keratin appeared to be absent in interfollicular epidermis but were clearly present in hair follicle outer root sheath, and this protein also consistently expressed in non-keratinizing stratified squamous epithelia. Among tumors, cytokeratin 6 is typically and strongly expressed in squamous cell carcinomas of different sites, preferentially in inner, maturing layers of the tumor cell nests. Cytokeratin 6 is always used with cytokeratin 5 and is a useful aid for classification of epithelioid mesotheliomas.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Developmental Biology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
