

Recombinant Cytokeratin 6A (KRT6A) (Basal Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone rKRT6A/2100]

Catalog No	Format	Size
3853-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3853-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3853-MSM6-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

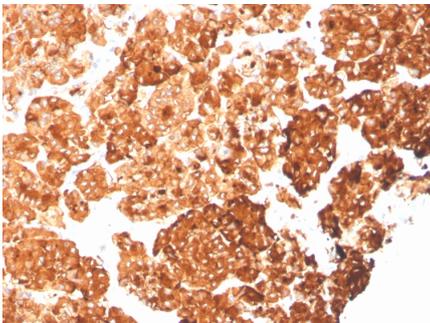
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

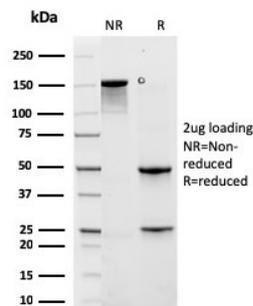
Clone	rKRT6A/2100
Gene Name	KRT6A
Immunogen	Recombinant full-length human Cytokeratin 6A (KRT6A) protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	58kDa
Species Reactivity	Human
Positive Control	Tonsil or basal cell carcinoma.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Cytokeratin 6A (KRT6A) (Basal Cell Marker) Antibody



Formalin-fixed, paraffin-embedded human pancreas stained with KRT6A Recombinant Mouse Monoclonal Antibody (rKRT6A/2100).



SDS-PAGE Analysis of Purified KRT6A Recombinant Mouse Monoclonal Antibody (rKRT6A/2100). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

This MAbs recognizes a protein of 56kDa, identified as cytokeratin 6A (KRT6A). In humans, multiple isoforms of Cytokeratin 6 (6A-6F), encoded by several highly homologous genes, have distinct tissue expression patterns. Cytokeratin 6A is the dominant form in epithelial tissue. Cytokeratin 6 and 16 are expressed in keratinocytes, which are undergoing rapid turnover in the suprabasal region (also known as hyper-proliferation-related keratins). Cytokeratin 6 is found in hair follicles, suprabasal cells of a variety of internal stratified epithelia, in epidermis, in both normal and hyper-proliferative situations. Epidermal injury results in activation of keratinocytes, which express KRT6 and KRT16. KRT6 is strongly expressed in about 75% of head and neck squamous cell carcinomas.

Supplied As

200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. 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.
