Cytokeratin 14 (KRT14) (Squamous Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone KRT14/4126]

Catalog No	Format	Size
3861-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3861-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3861-MSM6-P1ABX	Purified Ab WITHOUT BSA or 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	KRT14/4126
Immunogen	Recombinant fragment (around aa 351-472) of human KRT14 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	51.56kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	Expressed in the corneal epithelium (at protein level) (PubMed:26758872)

**Optimal dilution for a specific application should be determined.*

Product Images for Cytokeratin 14 (KRT14) (Squamous Cell Marker) Antibody

Specificity & Comments

The nonhelical tail domain is involved in promoting KRT5-KRT14 filaments to self-organize into large bundles and enhances the mechanical properties involved in resilience of keratin intermediate filaments in vitro.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein 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.

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.