

Recombinant Keratin, type I cytoskeletal 10 Antibody

Rabbit Monoclonal Antibody [Clone KRT10/3999R]

Catalog No	Format	Size
3858-RBM12-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3858-RBM12-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3858-RBM12-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	KRT10/3999R
Immunogen	Recombinant fragment (around aa 570-584) of human KRT10 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	58.83kDa
Cellular Localization	Cell surface, Cytoplasm, Extracellular space, Secreted
Species Reactivity	Human
Positive Control	Seen in all suprabasal cell layers including stratum corneum

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

Product Images for Recombinant Keratin, type I cytoskeletal 10 Antibody

Specificity & Comments

Plays a role in the establishment of the epidermal barrier on plantar skin (By similarity). Involved in the maintenance of cell layer development and keratin filament bundles in suprabasal cells of the epithelium (By similarity)., (Microbial infection) Acts as a mediator of S.aureus adherence to desquamated nasal epithelial cells via clfB, and hence may play a role in nasal colonization., (Microbial infection) Binds S.pneumoniae PsrP, mediating adherence of the bacteria to lung cell lines. Reduction of levels of KRT10 keratin decrease adherence, overexpression increases adherence. Neither protein has to be glycosylated for the interaction to occur.

Supplied As

200ug/ml of Ab produced in a 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.

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.