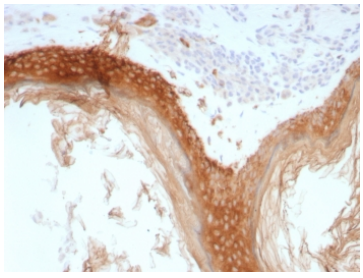
Recombinant Basic Cytokeratin Antibody [clone rKRTH/8883] (V4282)

Catalog No.	Formulation	Size
V4282-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4282-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4282SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant | MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Name	rKRTH/8883
Purity	Protein A/G affinity
UniProt	Q01546
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This recombinant Basic Cytokeratin antibody is available for research use only.



IHC staining of FFPE human skin tissue with recombinant Basic Cytokeratin antibody (clone rKRTH/8883). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

This mAb recognizes basic (Type II or HMW) cytokeratins, which include 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8). Twenty human keratins are resolved with two-dimensional gel electrophoresis

into acidic (pI 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 5048, 46, 45, and 40kDa. mAb AE3 recognizes the 65-67, 64, 59, 58, 56, and 52kDa keratins of basic subfamily. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

Application Notes

Optimal dilution of the recombinant Basic Cytokeratin antibody should be determined by the researcher.

Immunogen

Recombinant full-length human KRT76 protein was used as the immunogen for the recombinant Basic Cytokeratin antibody.

Storage

Aliquot the recombinant Basic Cytokeratin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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