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Product datasheet for TA801254M

Cytokeratin 14 (KRT14) Mouse Monoclonal Antibody [Clone ID: OTI3C7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3C7
Applications:	IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 148-472 of human KRT14 (NP_000517) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51.4 kDa
Gene Name:	keratin 14
Database Link:	NP_000517 Entrez Gene 16664 MouseEntrez Gene 287701 RatEntrez Gene 3861 Human P02533
Background:	This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11. [provided by RefSeq, Jul 2008]

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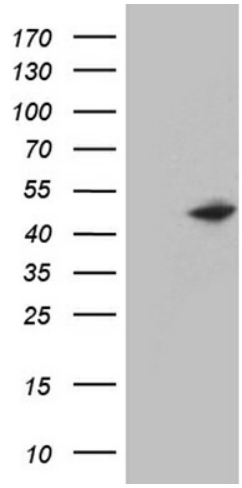
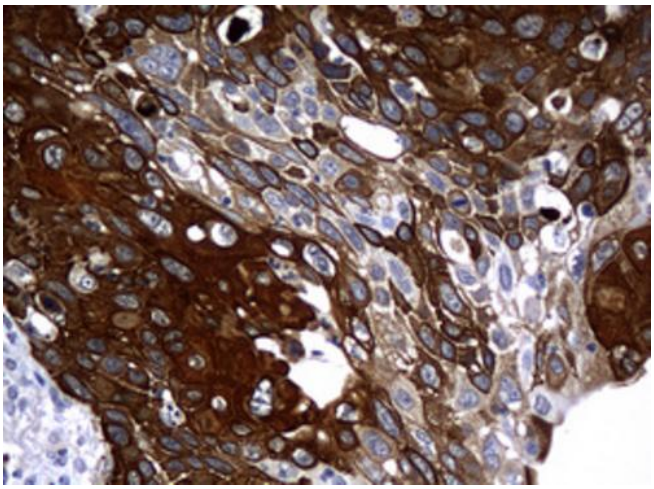
Synonyms: CK14; EBS3; EBS4; K14; NFJ

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY KRT14 ([RC214907], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KRT14 (1:500).



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-KRT14 mouse monoclonal antibody. ([TA801254]). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.