antibodies -online.com









Overview

Quantity:	100 μg
Target:	Keratin 10 (KRT10)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Keratin 10 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Staining Methods (StM)

Product Details

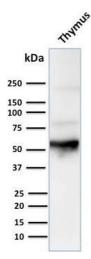
Immunogen:	Skin extract of a human Psoriasis patient
Clone:	LH2
Isotype:	IgG1 kappa
Specificity:	This MAb recognizes a protein of 56.5 kDa, identified as cytokeratin 10 (CK10). CK10 is
	expressed in all suprabasal layers of the epidermis. In the epidermis, expression of CK10 strictly
	parallels the extent of differentiation, it is absent in the basal layer, appears in the first
	suprabasal layers and increases in concentration towards the granular layer. However, CK10 is
	rarely detected in early stages of vulvar squamous carcinomas (tumors less than 2 cm, clinical
	stage I) regardless of the tumor grade. In larger and more advanced tumors (greater than 2 cm,
	clinical stages II and III), CK10 is detected very frequently. Expression of CK10 is related to
	maturation of malignant keratinocytes, being preferentially detected in more-differentiated
	parts.

Product Details Purified by Protein A/G Purification: Target Details Keratin 10 (KRT10) Target: Alternative Name KRT10 (KRT10 Products) Molecular Weight: 56.5kDa Gene ID: 3858 UniProt: P13645 **Application Details** Positive Control: A431, HeLa, MCF7 cells. Esophagus or tonsil. **Application Notes:** Known Application: Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined. Restrictions: For Research Use only Handling Concentration: 200 μg/mL Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. 4 °C,-80 °C Storage: Storage Comment: 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.

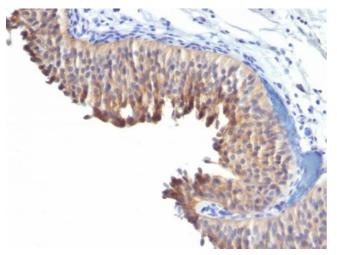
24 months

Expiry Date:



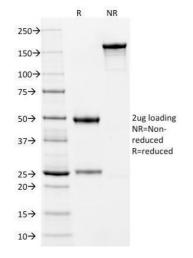
Western Blotting

Image 1. Western Blot Analysis of human Thymus tissue lysate using Cytokeratin 10 Mouse Monoclonal Antibody (LH2).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Bladder Carcinoma stained with Cytokeratin 10 Mouse Monoclonal Antibody (LH2).



SDS-PAGE

Image 3. SDS-PAGE Analysis Purified Cytokeratin 10 Mouse Monoclonal Antibody (LH2). Confirmation of Integrity and Purity of Antibody.