antibodies

Datasheet for ABIN7193705 anti-Cytokeratin 13 antibody (AA 104-458)

9 Images



Overview

Quantity:	0.1 mg
Target:	Cytokeratin 13 (KRT13)
Binding Specificity:	AA 104-458
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human KRT13 (AA: 104-458) expressed in E. coli.
Clone:	7D7B3
Isotype:	lgG1
Purification:	purified

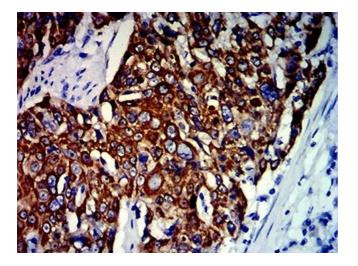
Target Details

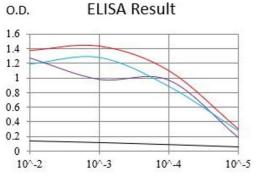
Target:	Cytokeratin 13 (KRT13)
Alternative Name:	KRT13 (KRT13 Products)
Background:	Description: The protein encoded by this gene is a member of the keratin gene family. The
	keratins are intermediate filament proteins responsible for the structural integrity of epithelial

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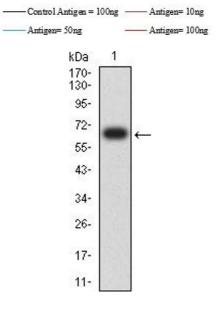
Target Details

	cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants, however, not all variants have been described. Aliases: K13, CK13, WSN2
Molecular Weight:	49.5 kDa
Gene ID:	3860
Application Details	
Application Notes:	WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,
Restrictions:	For Research Use only
Handling	
Buffer:	Purified antibody in PBS with 0.05 % sodium 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.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage





Serial Dilutions of Antibody



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded esophageal cancer tissues using KRT13 mouse mAb with DAB staining.

ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Image 3. Western blot analysis using KRT13 mAb against human KRT13 (AA: 104-458) recombinant protein. (Expected MW is 66.5 kDa)

Please check the product details page for more images. Overall 9 images are available for ABIN7193705.

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