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 |

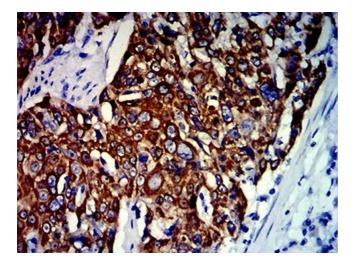
Target Details

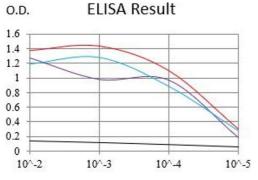
| Target: | Cytokeratin 13 (KRT13) |
|-------------------|--|
| Alternative Name: | KRT13 (KRT13 Products) |
| Background: | Description: The protein encoded by this gene is a member of the keratin gene family. The |
| | keratins are intermediate filament proteins responsible for the structural integrity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

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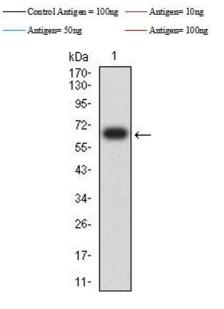
Target Details

| | 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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