

Product datasheet

Anti-HMW Cytokeratin antibody [34bE12] ab776

[2 References](#) [2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-HMW Cytokeratin antibody [34bE12] |
| Description | Mouse monoclonal [34bE12] to HMW Cytokeratin |
| Host species | Mouse |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Tissue, cells or virus corresponding to Human HMW Cytokeratin. Solubilized keratin extract from human stratum corneum. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.3 Preservative: 0.05% Sodium azide Constituents: Tissue culture supernatant, 1% BSA |
| Purity | Tissue culture supernatant |
| Clonality | Monoclonal |
| Clone number | 34bE12 |
| Isotype | IgG1 |
| Light chain type | kappa |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab776 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| IHC-P | | 1/25 - 1/50. Staining Protocol: We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation conditions and antibody dilutions should be determined by the user. Enzymatic antigen retrieval of paraffin embedded tissues is recommended prior to immunostaining. |

Target

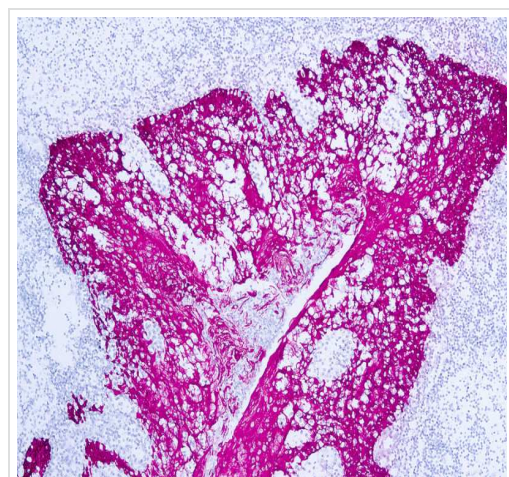
Relevance

Cytokeratins are intermediate filament keratins found in the intracytoplasmic cytoskeleton of epithelial tissue. There are two types of Cytokeratins: the low weight, acidic type I cytokeratins and the high weight, basic or neutral type II. Cytokeratins are usually found in pairs comprising a type I Cytokeratin and a type II cytokeratin. The high molecular weight cytokeratins, which are the basic or neutral cytokeratins, comprise subtypes CK1 (67), CK2 (65.5), CK3 (64), CK4 (59), CK5 (58), CK6 (56), CK7 (54), CK8 (52.5) and CK9. The low molecular weight cytokeratins, which are the acidic cytokeratins, comprise subtypes CK10 (56.5), CK12 (56), CK13 (53), CK14 (50), CK16(48), CK17 (46), CK18 (45), CK19(48) and CK20(46).

Cellular localization

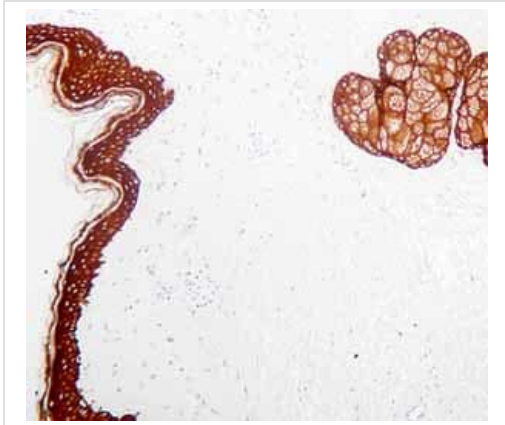
Cytoplasmic

Images



Formalin fixed paraffin embedded human prostate tissue, staining HMW Cytokeratin with ab776 in immunohistochemical analysis

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HMW Cytokeratin antibody [34bE12] (ab776)



ab776 staining human skin tissue sections by IHC-P.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HMW Cytokeratin antibody [34bE12] (ab776)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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