Cytokeratin 1/5/10/14 (human) monoclonal antibody (34βE12)

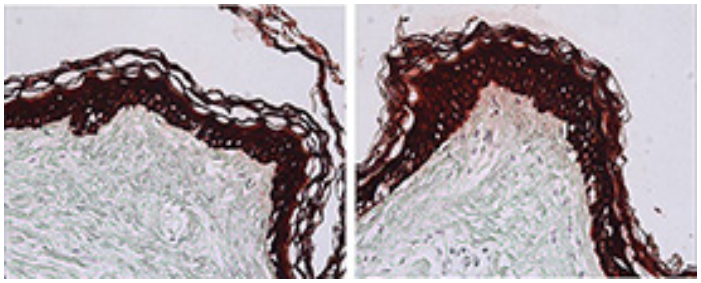
This antibody is covered by our Worry-Free Guarantee.

Citations: 22 View Online »

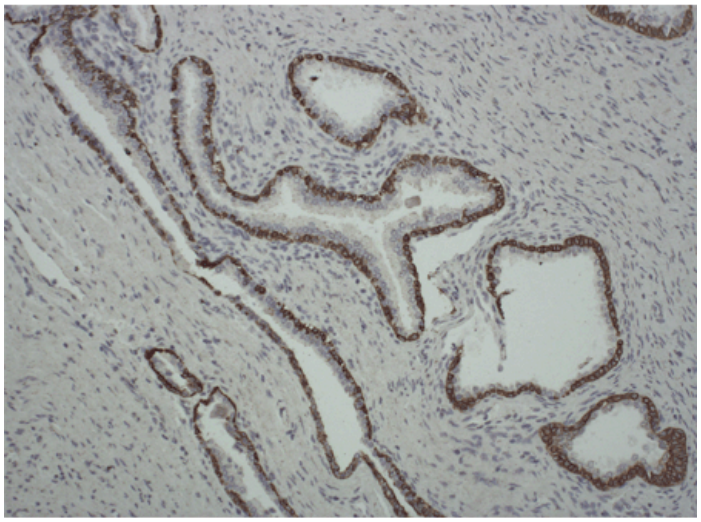
Ordering Information Order Online »

ENZ-C34903	~10 µg - 0.5ml

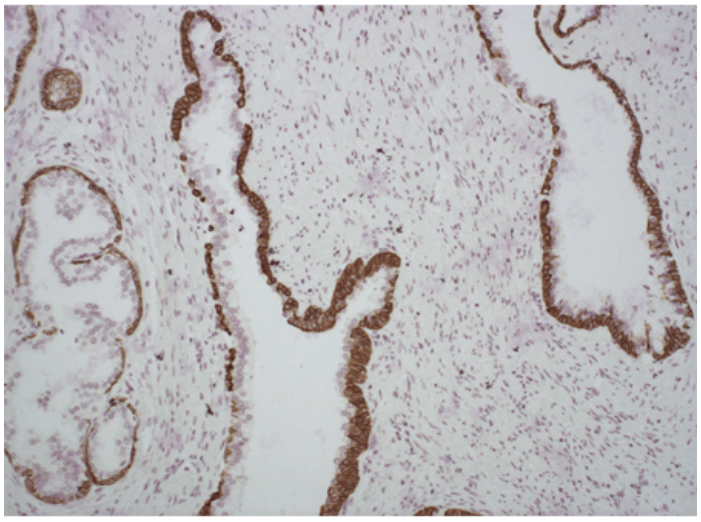
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Immunohistochemistry analysis of human skin tissue using Cytokeratin 1/5/10/14 (human), mAb (34βE12), (Prod. No. ENZ-C34903) at a dilution of 1:20.



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Immunohistochemistry analysis of human skin tissue using Cytokeratin 1/5/10/14 (human), mAb (34βE12), (Prod. No. ENZ-C34903) at a dilution of 1:20.

Handling & Storage

Handling	Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -20°C.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	HMWCK, High molecular weight cytokeratin, Keratin-903
Application	IHC (PS), WB
Clone	34βE12
Formulation	Liquid. In PBS containing 0.1% sodium azide and 1% BSA.
Host	Mouse
Immunogen	Keratin solubilized from human stratum corneum.
Isotype	IgG1
Purity Detail	Affinity purified.
Recommendation Dilutions/Conditions	Immunohistochemistry (paraffin sections; For optimal results, fixation in alcohol-based fixatives, such as methacarn, is recommended. Pretreatment with proteolytic enzymes such as trypsin may be required when formalin-fixed sections are to be stained. For optimal staining of prostate tissue higher concentrations of protease and longer incubation times are recommended, e.g., 0.5% trypsin at 37°C for 2 to 4 hours. Choose a good quality enzyme-linked anti-mouse IgG1 antibody for detection).General suggested starting dilution is 1:20-1:50.Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each appliation.

Source	Purified from ascites.
Species Reactivity	Human
Specificity	34βE12 is specific for “high molecular weight” cytokeratins 1, 5, 10 and 14, corresponding to molecular weights 68, 58, 56.5 and 50 kDa, respectively, which are characteristically found in “complex” epithelium. The antibody reacts with all squamous and ductal epithelium as well as carcinomas such as squamous cell carcinoma and adenocarcinoma of ductal origin (e.g., breast, pancreas) but does not react with sarcoma, melanoma or lymphoma. This antibody reacts with benign small-acinar lesions of the prostate and has been shown to be useful as an adjunct in the identification of prostate carcinoma.
UniProt ID	P04264 (CK1), P13647 (CK5), P13645 (CK10), P02533 (CK14)
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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