

Monoclonal Mouse Antibody to Human Cytokeratin 10/13

Description:

Immunogen:	BALB/C mice were immunized with detergent insoluble extract of human epidermis.
Clone:	K13.
Isotype:	IgG2a, Kappa.
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as reservative.
Specificity:	This antibody recognizes keratin polypeptides of 53 and 56.5 kD. It stains suprabasal cells in the epidermis, thymic Hassal's bodies, urothelium and non-cornifying stratified epithelia of vagina, ectocervix, tongue and esophagus. This antibody does not stain intraepithelial neoplasm and invasive squamous cell carcinoma.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:100-1:150 in immunohistochemistry application. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.

Uses/Limitations: Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage: 2-8° Centigrade.

Procedure: We suggest an incubation period of 30-60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. Enzymatic predigestion of paraffin embedded tissues is not recommended prior to the immunostaining, as it may reduce the staining.

Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:

1. Ivanyi et al. J Pathol 159: 7, 1989.
2. Ivanyi et al. Differentiation 42: 124, 1989.
3. Ivanyi et al. Cancer Res 50: 5143, 1990.
4. Van Muijen et al. Exp Cell Res 171: 331, 1987.