Beijing Emarbio Science & Technology Co.,LTD

Anti-CK16 Mouse Monoclonal Antibody(5E4)

Catalog No.	EM42013-01	EM42013-02	
Size	50μl	100μl	
Species	**Human Mouse Rat**	*Molecular*	51KD

Background:Keratin 16 is expressed in keratinocytes, which are undergoing rapid turnover in the suprabasal region (also known as hyperproliferation-related keratins). Keratin 16 is absent in normal breast tissue and in noninvasive breast carcinomas. Only 10% of the invasive breast carcinomas show diffuse or focal positivity. Reportedly, a relatively high concordance was found between the carcinomas immunostaining with the basal cell and the hyperproliferation-related keratins, but not between these markers and the proliferation marker Ki-67. This supports the conclusion that basal cells in breast cancer may show extensive proliferation, and that absence of Ki-67 staining does not mean that (tumor) cells are not proliferating.

Specificity: The CK16 Mouse Monoclonal antibody detects endogenous CK16 proteins.

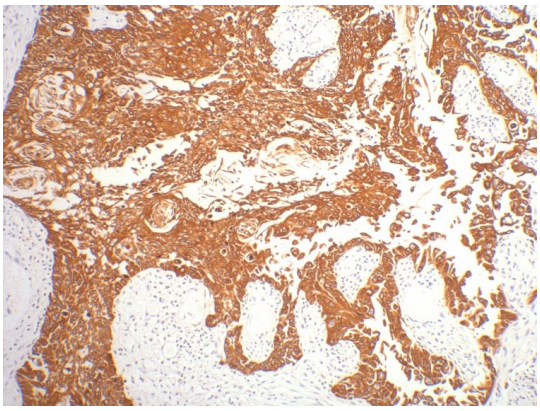
Application: **IHC 1:200**

Optimal dilutions/concentrations should be determined by the end user.

Form: Liquid ,1mg/ml

Storage buffer: PBS, pH 7.4, containing 0.02% ***sodium azide*** as Preservative and 50% Glycerol.

Storage: Store at -20°C. Do not aliquot the antibody.



IHC staining of human gullet cancer tissue with CK16 mouse mAb diluted at 1:200.