

Rabbit Anti-Cytokeratin 18 [EP30]: RM0078

Intended Use: For Research Use Only

Description: Cytokeratin 18 (CK18) is intermediate filament phosphoglycoprotein that is expressed in simple and glandular and transitional epithelial cells but not in stratified epithelial cells. CK18 is often co-expressed with CK8. CK8/18 is the major keratin pair in simple-type epithelia. Adenocarcinomas originated from simple and glandular epithelium showed CK18 positive staining. In squamous carcinoma, poorly differentiated tumor cells show CK18 reactivity. Loss of CK 18 expression is associated with progression of breast carcinoma.

Specifications:

Clone: EP30
Source: Rabbit
Isotype: IgG1
Reactivity: Human
Localization: Cytoplasm
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and ≤0.09% sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
Cytokeratin 18 Concentrated	RM0078	1 ml

IHC Procedure*:

Positive Control Tissue: Breast, breast cancer
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.