

**Rabbit Anti-Cytokeratin 8 [EP17]: RM0086**

**Intended Use:** For Research Use Only

**Description:** Cytokeratin 8 (CK8) is an intermediate filament protein produced early in embryogenesis. It is the only type-II CK occurring in many simple epithelial in respiratory, gastrointestinal, male and female reproductive tract and thyroid. CK8 is often co-expressed with Cytokeratin 18. CK8/18 is the major keratin pair in simple-type epithelia, as found in the liver, pancreas, and intestine. CK8 is used to detect adenocarcinomas with simple epithelium origin. The difference in staining pattern is useful to distinguish duct (peripheral staining) from lobular (perinuclear staining) breast carcinoma.

**Specifications:**

Clone: EP17  
Source: Rabbit  
Isotype: IgG  
Reactivity: Human  
Localization: Cytoplasm, membrane  
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and ≤0.09% sodium azide (NaN<sub>3</sub>).  
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 8 Concentrated	RM0086	1 ml

**IHC Procedure\*:**

Positive Control Tissue: Colon, colon 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.