

## Anti-Keratin 1 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 70 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Tissue: Human esophagus cancer Section type: Formalin fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:50 Primary ab incubation condition: 1 hour at room temperature Secondary ab: SP Kit (Rabbit) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for TMAB-07983
	2. Tissue: Human esophagus Section type: Formalin fixed & Paraffin-embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:50 Primary ab incubation condition: 1 hour at room temperature Secondary ab: SP Kit (Rabbit) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for TMAB-07983
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:400-800; IHC-Fr: 1:400-800; IF: 1:100-500

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Keratin 1
Antigen Species:	Human
Gene ID:	3848
Uniprot ID:	P04264

### Research Background

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the spinous and granular

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layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq].

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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