

## Anti-CEAcam8 Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 38 kDa.
Purification:	Protein A purified

## Applications

1. Blank control: HELA.  
Primary Antibody (green line): Rabbit Anti-CEAcam8 antibody (TMAB-04206)  
Dilution: 1 µg /10<sup>6</sup> cells;  
Isotype Control Antibody (orange line): Rabbit IgG.  
Secondary Antibody: Goat anti-rabbit IgG-AF647  
Dilution: 1 µg /test.

## Protocol

The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Verified Activity: 2. Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CEAcam8) Polyclonal Antibody, Unconjugated (TMAB-04206) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

3. Paraformaldehyde-fixed, paraffin embedded (human rectal carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CEAcam8) Polyclonal Antibody, Unconjugated (TMAB-04206) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

Application: IHC-P,IHC-Fr,IF,FCM

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg/Test

## 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 IRS1  
Antigen Species: Human  
Gene ID: 1088  
Uniprot ID: P31997

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### Research Background

Carcinoembryonic antigen-related cell adhesion molecule 8 (CEACAM8) is a highly glycosylated protein expressed only in neutrophils and eosinophils in humans. The precise function of CEACAM8 remains unclear. As a member of the family of carcinoembryonic antigen (CEA), it may play a role in the interaction between granulocytes or between granulocytes and epithelial cells. Expressed in leukocytes of chronic myeloid Leukemia patients and bone marrow.

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

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