



# Recombinant EpCAM Antibody [EGP40/1556R]

Cat. No.: 34-081



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## Ψ Specifications

<b>HOST SPECIES:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human
<b>IMMUNOGEN:</b>	Human protein was used as the immunogen for the recombinant Ep-CAM antibody.
<b>TESTED APPLICATIONS:</b>	IHC-P
<b>APPLICATIONS:</b>	Immunohistochemistry (FFPE): 0.5-1 ug/ml for 30 min at RT  Prediluted IHC only format: incubate for 30 min at RT (1)  Titering of the recombinant Ep-CAM antibody may be required for optimal performance. 1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.
<b>SPECIFICITY:</b>	Does not react with mouse or rat

## Ψ Properties

<b>PURIFICATION:</b>	Protein A affinity chromatography
<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	IgG, kappa

<b>CONJUGATE:</b>	Unconjugated
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS with 0.1 mg/ml BSA and 0.05% sodium azide
<b>CONCENTRATION:</b>	0.2 mg/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and Store at 2-8 °C. Avoid freeze-thaw cycles.

## Additional Info

<b>OFFICIAL SYMBOL:</b>	EPCAM
<b>ALTERNATE NAMES:</b>	Epithelial cell adhesion molecule, Ep-CAM, Adenocarcinoma-associated antigen, Cell surface glycoprotein Trop-1, Epithelial cell surface antigen, Epithelial glycoprotein, EGP, Epithelial glycoprotein 314, EGP314, hEGP314, KS 1/4 antigen, KSA, Major gastrointestinal tumor-associated protein GA733-2, Tumor-associated calcium signal transducer 1, CD326, EPCAM, GA733-2, M1S2, M4S1, MIC18, TACSTD1, TROP1
<b>GENE ID:</b>	4072
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher

## Background and References

<b>BACKGROUND:</b>	Ep-CAM may act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. [UniProt]
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