

RecomAb™

EPCAM recombinant monoclonal antibody, clone HEA125

Catalog # RAB03430

Size 200 ug

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human EPCAM.
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Antibody Species	Rabbit
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Immunogen	Original antibody is raised against the human colon carcinoma cell line HT-29.
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Reactivity	Human
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Form	Liquid
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Isotype	IgG
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Recommend Usage	Flow Cytometry Immunofluorescence Immunohistochemistry Immunoprecipitation Radioimmunoassay Western Blot The optimal working dilution should be determined by the end user.
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Storage Buffer	In PBS with 0.02% Proclin 300
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Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
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Applications

- Western Blot
- Immunohistochemistry
- Immunofluorescence

- Immunoprecipitation
- Radioimmunoassay
- Flow Cytometry

Gene Info — EPCAM

Entrez GeneID	4072
Gene Name	EPCAM
Gene Alias	17-1A, 323/A3, CD326, CO-17A, CO17-1A, EGP, EGP-2, EGP34, EGP40, ESA, Ep-CAM, GA733-2, HEA125, KS1/4, KSA, M4S1, MH99, MIC18, MK-1, MOC31, TACST-1, TACSTD1, TROP1, hEGP-2
Gene Description	epithelial cell adhesion molecule
Omim ID	185535
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq]
Other Designations	adenocarcinoma-associated antigen carcinoma-associated antigen GA733-2 human epithelial glycoprotein-2 membrane component, chromosome 4, surface marker (35kD glycoprotein) tumor-associated calcium signal transducer 1

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)