



# Anti-EpCAM polyclonal antibody [Biotin] (DPABY-359)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	EPCAM (epithelial cell adhesion molecule) is a protein-coding gene. Diseases associated with EPCAM include epcam-related lynch syndrome, and colorectal cancer, hereditary nonpolyposis, type 8. An important paralog of this gene is TACSTD2.
<b>Specificity</b>	Detects human EpCAM/TROP-1 insandwich immunoassaysand Western blots. Insandwich immunoassays, less than 0.2% cross-reactivity with recombinant human (rh) ALCAM, rhBCAM, recombinant mouse MAdCAM-1, rhNCAM-1, and rhNCAM-L1 is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human EpCAM, extracellular domain. Gln24-Lys265 Accession Number CAA32870
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, Flow Cytometry, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None

<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">EPCAM epithelial cell adhesion molecule [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	EPCAM
<b>Synonyms</b>	EPCAM; epithelial cell adhesion molecule; ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1; epithelial glycoprotein 314; human epithelial glycoprotein-2; cell surface glycoprotein Trop-1; adenocarcinoma-associated an
<b>Entrez Gene ID</b>	<a href="#">4072</a>
<b>Protein Refseq</b>	<a href="#">NP_002345</a>
<b>UniProt ID</b>	<a href="#">P16422</a>
<b>Chromosome Location</b>	2p21
<b>Function</b>	protein binding; protein complex binding;