

Recombinant Mouse CD326 Protein

Catalog #	Source	Reactivity	Applications
CRP2908	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse CD326 Protein is produced by mammalian expression system and the target gene encoding Gln24-Thr266 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	EPCAM
Alternative Names	GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; 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
Entrez Gene	17075 (Mouse)
SwissProt	Q99JW5 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	QRDCVCDNYK LATSCSLNEY GECQCTSYGT QNTVICSKLA SKCLAMKAEM THSKSGRIK PEGAIQNNNDG LYDPDCDEQG LFKAKQCNGT ATCWCVNTAG VRRTDKDTEI TCSERVRTYW IIIELKHKER ESPYDHQSLQ TALQEAFSTR YKLNQKFIKN IMYENNVITI DLMQNSSQKT QDDVDIADVA YFEKDVKGE SLFHSSKSMD LRVNGEPLDL DPGQTLIIYV DEKAPEFSMQ GLTVDDIEGR MDEPKSCDKT HTPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SREEMTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGDS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKLSL

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

SPGK

Quality Control

Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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