

Goat anti-EPCAM / TROP1 (aa167-179) Antibody

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| Item Number | dAP-3125 |
| Target Molecule | Principle Name: EPCAM / TROP1 (aa167-179); Official Symbol: EPCAM; All Names and Symbols: EPCAM; epithelial cell adhesion molecule; DIAR5; EGP-2; EGP314; EGP40; ESA; HNPCC8; KS1/4; KSA; M4S1; MIC18; MK-1; TACSTD1; TROP1; adenocarcinoma-associated antigen; cell surface glycoprotein Trop-1; epithelial glycoprotein 314; human epithelial glycoprot; Accession Number (s): NP_002345.2; Human Gene ID(s): 4072; Non-Human GeneID(s): |
| Immunogen | QKEITTRYQLDPK, is from internal region |
| Applications | Pep ELISA, WB Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 128000. |
| Western Blot | Western Blot: Approx 37kDa band observed in lysates of cell line CACO-2 (calculated MW of 34.9kDa according to NP_002345.2). Recommended concentration: 0.03-0.1µg/ml. |
| IHC | |
| Reference | Reference(s): Wu CJ, Mannan P, Lu M, Udey MC. Epithelial cell adhesion molecule (EpCAM) regulates claudin dynamics and tight junctions. The Journal of biological chemistry 2013 Apr 288 (17): 12253-68..PMID: 23486470-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**