

Mouse Monoclonal Antibody to EPCAM

Catalogue Number	sAP-0402
Target Molecule	<p>Name: EPCAM</p> <p>Aliases: ESA; KSA; M4S1; MK-1; DIAR5; EGP-2;EGP40; KS1/4; MIC18; TROP1; TACSTD1; EPCAM</p> <p>MW: 35kDa</p> <p>Entrez Gene ID: 4072</p>
Description	<p>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. Tissue specificity: This protein is expressed in almost all epithelial cell membranes but not on mesodermal or neural cell membranes. Found on the surface of adenocarcinomas. ABCAM: Epithelial Cell Adhesion Molecule (EpCAM) is a 40 kDa cell surface antigen. This antigen has been identified independently by a number of groups, and has been known by a variety of names. Several</p>
Immunogen	Purified recombinant fragment of human EPCAM expressed in E. Coli. ;
Reactive Species	Human
Clone	MM7E11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Int J Oncol. 2007 Jan;30(1):171-9. ; 2. Int J Cancer. 2008 Jul 15;123(2):484-9.

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**