

Acris Antibodies, Inc.

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Acris Antibodies GmbH

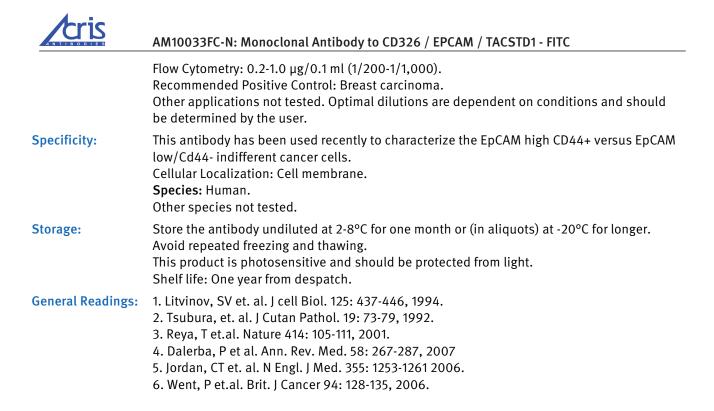
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	Monoclonal Antibody to CD326 / EPCAM / TACSTD1 - FITC
Alternate names:	Adenocarcinoma-associated antigen, EGP314, Ep-CAM, Epithelial cell adhesion molecule Epithelial glycoprotein 314, GA733-2, KS 1/4 antigen, KSA, M1S2, M4S1, MIC18, Major gastrointestinal tumor-associated protein GA733-2, TROP1, Trop-1, Tumor-associated calcium signal transducer 1
Catalog No.:	AM10033FC-N
Quantity:	0.2 mg
Concentration:	0.2 mg/ml
Background:	Epithelial is a transmembrane glycoprotein (40 kDa) also known as ESA or epithelial cellular adhesion molecule (Ep-CAM). This protein is expressed on basolateral cell surface in most simple epithelia and vast majority of cancers. According to the "Cancer Stem Cells" (CSC) theory, tumors are not viewed as simple monoclonal expression of transform cells, but rather as complex tissue where abnormal growth is driven by a minority pathological CSC pool that on one hand has acquired tumor related features such as uncontrolled growth and ability to form metasis and on the other hand maintains its inherent capacity to self renew and differentiate into a phenotypic ally heterogeneous, although aberrant progency.
Uniprot ID:	<u>P16422</u>
NCBI:	<u>NP_002345.2</u>
GenelD:	<u>4072</u>
Host / Isotype:	Mouse / IgG1
Clone:	ESA214
Immunogen:	Small cell lung carcinoma. Remarks: Molecular weight of antigen: 40 kDa.
Format:	State: Liquid purified Ig fraction. Purification: Protein A Chromatography. Buffer System: PBS, pH 7.4 containing 1% BSA as stabilizer and 0.05% Sodium Azide as preservative. Label: FITC
Applications:	Suitable for Immunohistochemistry and Immunocytochemistry (Frozen or Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections and cell smears) For IHC dilute concentared antibody at 1/50-1/100, use streptavidin~biotin system or polymer system, incubate 30 minutes at room temperature. Antigen retriever like pepsin enhances the staining of FFPE tissue. Immunofluorescence: 10-20 µg/ml (1/10-1/20), incubate for 2 hours in the dark at RT or it can also be incubated overnight at 4 ^o C.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.



Antibody Hotline - Technical Questions - Antibody Location Service Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com



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