Mouse monoclonal antibody to Carcinoembryonic antigen-related cell adhesion molecule 5 [CEA-9]: IgG

Catalogue No.:	M-1197-100
Description:	Carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5) is a cell surface glycoprotein belonging to the immunoglobulin superfamily. CEACAM5 is found in adenocarcinomas of endodermally derived digestive system epithelia and in fetal colon.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5) isolated from human colon adenocarcinoma cell line
Clone:	CEA-9
Other Names:	Carcinoembryonic antigen; CEA; Meconium antigen 100; CD66e; CEACAM5; CEA;
Accession:	P06731 CEAM5_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Human CEACAM (precursor) has a predicted length of 702 residues and MW of 77 kDa. A concentration of 0.5-2.0 ug/mL is recommended for IHC to detect the protein in formalin fixed and paraffin embedded tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human;
Form:	Liquid (0.5ml). 50% glycerol, 1.2% Sodium acetate, 1% BSA, 0.02% NaN3
Reconstitution:	The liquid formulation should be diluted in PBS (pH 7.4)
Storage:	After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase