

Mouse monoclonal antibody to Cytokeratin 18 [CK-18]: IgG

Catalogue No.:	M-1168-100
Description:	Cytokeratin 18 is an acidic type I keratin and a member of intermediate filament family of proteins. Cytokeratin 18 typically forms a heterotetramer with Cytokeratin 8 to form an intermediate filament in simple single-layered epithelial cells. Cytokeratin 18 is expressed primarily in non squamous epithelia and is present in a majority of adenocarcinomas and ductal carcinomas.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Human epidermal carcinoma A431 and MCF7 human breast cancer cell lines
Clone:	CK-18
Other Names:	Keratin; type I cytoskeletal 18; Cytokeratin-18; CK-18; Keratin-18; K18; Cell proliferation-inducing gene 46 protein; KRT18; CYK18; PIG46;
Accession:	P05783 K1C18_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 Cytokeratin 18 has a predicted length of 430 amino acids and MW of 48 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. A concentration of 0.5-2.0 ug/mL is recommended to detect the protein in formalin/acetone fixed 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; rat;
Form:	Liquid (0.5ml). 50% glycerol, 0.9mg NaCl and 0.2mg Na ₂ HPO ₄
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

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