

## Mouse monoclonal antibody to pan Cytokeratin [IML-91]: IgG

<b>Catalogue No.:</b>	M-1213-100
<b>Description:</b>	Cytokeratins belong to the intermediate filament family of proteins and are classified according to their type. Type I Cytokeratins are low molecular weight and acidic whereas Type II Cytokeratins are higher weight and basic to neutral. This antibody broadly detects Cytokeratins 1, 4, 5, 6, 8, 10, 13, 18 and 19. Expression of these Cytokeratins is frequently tissue specific.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	The antigen is a mixture of clones C-11, PCK-26, CY-90, KS-1A3, M20 and A53-B/A2. This antibody detects human Cytokeratins 1, 4, 5, 6, 8, 10, 13, 18 and 19.
<b>Clone:</b>	IML-91
<b>Other Names:</b>	CK-1; CK-4; CK-5; CK-6; CK-8; CK-10; CK-13; CK-18; CK-19;
<b>Accession:</b>	P04264 K2C1_HUMAN; P13647 K2C5_HUMAN; P02538 K2C6A_HUMAN; P05787 K2C8_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human Cytokeratin 1 has a predicted length of 644 amino acids and MW of 66 kDa. A concentration of 2.0-5.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues as well as formalin/acetone fixed tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; rat;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY

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