

TIMP1

Mouse Anti-Human TIMP Metallopeptidase Inhibitor 1 Clone 2A5 mAb

Catalog No.	MON6063	Quantity:	1 ml
Alternate Names:	CLGI, EPA, EPO, FLJ90373, HCI, TIMP, erythroid potentiating activity, fibroblast collagenase inhibitor, tissue inhibitor of metalloproteinase 1		
Description:	<p>This monoclonal antibody binds to human TIMP-1. Reactivity in other species has not been determined. The 11-mer peptide used for the immunization differs on at least 3 amino acids with the sequence of TIMP-1 of rat, mouse, and rabbit. Therefore it is not expected to be effective in these species as well. The antibody was tested for cross-reactivity with TIMP-2 and did not cross-react.</p> <p>The 2A5 monoclonal antibody was generated from mice immunized with a 11 mer-peptide derived from the sequence of human TIMP-1. The amino acid sequence of this peptide was: FQALGDAADIR</p>		
Gene ID:	7076		
Host:	Mouse		
Isotype:	IgG1		
Clone:	2A5		
Formulation:	TIMP-1 can be obtained as 1 ml of hybridoma culture supernatant, with 0.05% sodium azide added as a preservative. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	The 2A5 monoclonal antibody has been tested for use in Western blotting and immunohistochemical analysis of formalin-fixed/paraffin-embedded tissues. It is suggested to use colon carcinoma as positive control. Antigen retrieval by microwave treatment (5-20 min at full power, 950 W in 0.01 M sodium citrate buffer, pH 6.0) is recommended for immunohistochemical analysis.		
Storage & Stability:	Store at 2-8°C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.		

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