

MMP9

Mouse Anti-Human Matrix Metalloproteinase 9 Clone 2C3 mAb

Catalog No.	MON6062	Quantity:	1 ml
Alternate Names:	CLG4B, GELB, MMP-9, 92kD type IV collagenase, gelatinase B, macrophage gelatinase, matrix metalloproteinase 9, matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase), matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase), type V collagenase		
Description:	<p>This monoclonal antibody binds to human MMP-9. Reactivity in other species has not been determined. The 12-mer peptide used for the immunization differs on 4 or 5 amino acids with the sequence of MMP-9 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 MMP-1, MMP-2, and MMP-3 and did not cross-react.</p> <p>The 2C3 monoclonal antibody was generated from mice immunized with a 12 mer-peptide derived from the sequence of human MMP-9. The amino acid sequence of this peptide was: KLGLGADVAQVT</p>		
Gene ID:	4318		
Host:	Mouse		
Isotype:	IgG1		
Clone:	2C3		
Formulation:	MMP-9 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 2C3 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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