

MMP2

Mouse Anti-Human MMP2/Matrix metalloproteinase 2 Clone 4D3 mAb

Catalog No.	MON6039	Quantity:	1 ml
Alternate Names:	CLG4, CLG4A, MMP-II, MONA, TBE-1, collagenase type IV-A, matrix metalloproteinase 2, matrix metalloproteinase-II, neutrophil gelatinase		
Description:	This monoclonal antibody binds to human MMP-2. Reactivity in other species has not been determined, but the 13-mer peptide used for the immunization shows a 100% match with rabbit MMP-2, and differs on only 1 amino acid with rat and mouse MMP-2. The 4D3 monoclonal antibody was generated from mice immunized with a 13 mer-peptide derived from the sequence of human MMP-2. The amino acid sequence of this peptide was: TSLGLPPDVQRVD (Murray et al., 1998a and 1998b).		
Gene ID:	4313		
Host:	Mouse		
Isotype:	IgG1		
Clone:	4D3		
Formulation:	MMP-2 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.		
Cross-Reactivity:	The antibody was tested for cross-reactivity with MMP-1, MMP-3, and MMP-9 and showed mild cross-reactivity with MMP-3.		
Applications:	The 4D3 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.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

