

## Mouse Anti-Human MMP1/Matrix metalloproteinase 1 Clone 3B6 mAb

<b>Catalog No.</b>	MON6038	<b>Quantity:</b>	1 ml
<b>Description:</b>	<p>This monoclonal antibody binds to human MMP-1. Reactivity in other species has not been determined. The antibody was tested for cross-reactivity with MMP-2, MMP-3, and MMP-9 and did not cross-react.</p> <p>The 3B6 monoclonal antibody was generated from mice immunized with a 12 mer-peptide derived from the sequence of human MMP-1. The amino acid sequence of this peptide was: CSSFGFPRTVKH (Murray et al., 1998a and 1998b).</p>		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	3B6		
<b>Formulation:</b>	<p>MMP-1 can be obtained as 1 ml of hybridoma culture supernatant, with 0.05% sodium azide added as a preservative. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.</p>		
<b>Applications:</b>	<p>The 3B6 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.</p>		
<b>Storage &amp; Stability:</b>	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.**

