Mouse Anti-Human MMP-3

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>12020-01</td>
<td>Purified (UNLB)</td>
<td>0.1 mg</td>
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<tr>
<td>12020-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
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</tbody>
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Overview

Clone: SB14d
Isotype: Mouse (BALB/c) IgG2aκ
Immunogen: Recombinant MMP-3
Specificity: Human MMP-3
Alternate Name(s): Matrix metalloproteinase 3, stomelysin-1, transin

Description

Matrix metalloproteinases (MMPs) are a family of at least 23 structurally related, zinc-containing enzymes that have the ability to breakdown connective tissue. MMP-3 has shown substrate specificity to collagens types I, II, III, IV, VI, Ix, X, and XIV as well as additional extracellular matrix components including gelatin, fibronectin, aggrecan, and perlecan.

Applications

ELISA – Quality tested
IHC-PS
IHC-FS – Reported in literature
ICC

Working Dilutions

ELISA
- Purified (UNLB) antibody ≤ 1 μg/mL
- HRP conjugate 1:1,000 – 1:2,000

Other Applications
Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.
Handling and Storage

- The purified antibody (UNLB) is supplied as 0.1 mg purified immunoglobulin in 0.2 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2-8°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- Reagents are stable for the period shown on the label if stored as directed.

References

2. SouthernBiotech published data (IHC-PS)
3. SouthernBiotech unpublished data (ICC)