Ablumir
Built Around Immunology

# Anti-MMP9 Rabbit mAb [99B63]

**Catalog No.: A52221**

## Basic Information

| | |
|---|---|
| Catalog No. (Cat.No.) | A52221 |
| Host species | Rabbit |
| Reactivity | Mouse,Rat |
| Applications | WB,IHC,IP,IF,ELISA |
| Synonyms | MMP9,MMP-9,Gelatinase B,92kDa gelatinase |

## Product Information

| | |
|---|---|
| Target | MMP9 |
| Molecular Weight(Calculated) | NA |
| Molecular Weight(Observed) | NA |
| Isotype | IgG,Kappa |
| Conjugation | NA |
| Concentration | 0.2 mg/ml |
| Clonality | Monoclonal |
| Clone No. | 99B63 |
| RRID | NA |
| Storage buffer | 50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4) |
| Storage | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles. |
| Shipped at conditions | Frozen |
| Form | Liquid |

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## Product Usage Information

| Application | Dilution |
|---|---|
| WB | 1:500-1:5000 |
| IHC | 1:200-1:1000 |
| IP | 1:50-1:200 |
| IF | 1:200-1:1000 |
| ELISA | 1:5000-1:20000 |

## Target Information

| | |
|---|---|
| Protein Name | Matrix metallopeptidase-9 |
| Gene Name | *MMP9* |
| Domain | NA |
| Background | MMP9 (Matrix metalloproteinase-9) is a secreted zinc-dependent gelatin-family matrix metalloproteinase. It degrades gelatin and type-IV collagen to break down basement-membrane barriers, supporting inflammatory-cell infiltration, tissue remodeling and angiogenesis. Secreted as pro-MMP9, it gains activity through extracellular processing and is strongly induced by inflammatory stimuli. Elevated MMP9 promotes tumor invasion-metastasis and contributes to neuroinflammation and cardiovascular disorders. |