Ablumir
Built Around Immunology

# Anti-MEK1/2 Rabbit mAb [94B38]

**Catalog No.: A52214**

## Basic Information

| | |
|---|---|
| Catalog No. (Cat.No.) | A52214 |
| Host species | Rabbit |
| Reactivity | Human,Mouse,Rat |
| Applications | WB,IHC,IP,IF,ELISA |
| Synonyms | MEK1/2,MEK1,MEK2,MAP2K1,MAP2K2 |

## Product Information

| | |
|---|---|
| Target | MEK1/2 |
| Molecular Weight(Calculated) | 44 kDa |
| Molecular Weight(Observed) | 44 kDa |
| Isotype | IgG,Kappa |
| Conjugation | NA |
| Concentration | 0.2 mg/ml |
| Clonality | Monoclonal |
| Clone No. | 94B38 |
| 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 | 1:1000-1:5000 |
| IHC | 1:500-1:2000 |
| IP | 1:50-1:200 |
| IF | 1:200-1:1000 |
| ELISA | 1:5000-1:20000 |

## Target Information

| | |
|---|---|
| Protein Name | Mitogen-activated protein kinase kinase-1/2 |
| Gene Name | *MAP2K1*, *MAP2K2* |
| Domain | NA |
| Background | MEK1/2 (Mitogen-activated protein kinase kinase 1/2) are cytoplasmic dual-specificity kinases of MAPKK family. They act downstream of RAS-RAF: activated via RAF-mediated phosphorylation, MEK1/2 in turn phosphorylate and activate ERK1/2 to propagate RAS-RAF-MEK-ERK signaling cascade governing cell proliferation, differentiation and survival. Sustained pathological MEK activation fuels tumor progression, and MEK inhibitors constitute major targeted anti-cancer therapeutics. |