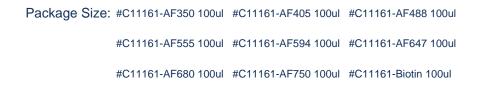
## MEK1 (Phospho-Ser221) Conjugated Antibody

Catalog No: #C11161





Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description

| Product Name          | MEK1 (Phospho-Ser221) Conjugated Antibody  |
|-----------------------|--|
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Species Reactivity    | Hu Ms Rt   |
| Specificity           | The antibody detects endogenous level of MEK1 only when phosphorylated at serine 221.              |
| Immunogen Description | Peptide sequence around phosphorylation site of serine 221 (A-N-S(p)-F-V) derived from Human MEK1. |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | ERK activator kinase 1;MAP kinase kinase 1;MAP2K1;MAPK/ERK kinase 1;MAPKK 1                        |
| Accession No.         | Swiss-Prot#:Q02750NCBI Gene ID:5604NCBI mRNA#:NM_002755.3NCBI Protein#:NP_002746.1                 |
| Uniprot               | Q02750   |
| GeneID                | 5604;  |
| Excitation Emission   | AF350: 346nm/442nm   |
|                       | AF405: 401nm/421nm   |
|                       | AF488: 493nm/519nm   |
|                       | AF555: 555nm/565nm   |
|                       | AF594: 591nm/614nm   |
|                       | AF647: 651nm/667nm   |
|                       | AF680: 679nm/702nm   |
|                       | AF750: 749nm/775nm   |
| Calculated MW         | 45   |
| Formulation           | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide        |
| Storage               | Store at 4°C in dark for 6 months  |
|                       |  |

## **Application Details**

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250 AF405 conjugated: most applications: 1: 50 - 1: 250 AF488 conjugated: most applications: 1: 50 - 1: 250 AF555 conjugated: most applications: 1: 50 - 1: 250 AF594 conjugated: most applications: 1: 50 - 1: 250 AF647 conjugated: most applications: 1: 50 - 1: 250 AF680 conjugated: most applications: 1: 50 - 1: 250 AF750 conjugated: most applications: 1: 50 - 1: 250 Biotin conjugated: working with enzyme-conjugated st

## **Product Description**

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates ERK1 and ERK2 MAP kinases.

Note: This product is for in vitro research use only