

MEK1/MEK2 (Phospho-Ser217/Ser221) Conjugated Antibody

Catalog No: #C11205

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

Package Size: #C11205-AF350 100ul #C11205-AF405 100ul #C11205-AF488 100ul

#C11205-AF555 100ul #C11205-AF594 100ul #C11205-AF647 100ul

#C11205-AF680 100ul #C11205-AF750 100ul #C11205-Biotin 100ul

Description

| | |
|-----------------------|--|
| Product Name | MEK1/MEK2 (Phospho-Ser217/Ser221) Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of MEK1/MEK2 only when phosphorylated at serine 217/221. |
| Immunogen Description | Peptide sequence around phosphorylation site of serine 217/221 (I-D-S(p)-M-A) derived from Human MEK1/MEK2. |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | ERK activator kinase 1/ERK activator kinase2;MAP kinase kinase 1/MAP kinase kinase 2;MAP2K1/MAP2K1;MAPK/ERK kinase 1/MAPK/ERK kinase 2;MAPKK 1/MAPKK 1 |
| Accession No. | Swiss-Prot#:Q02750NCBI Gene ID:5604 5605NCBI mRNA#:NM_002755.3 NM_030662.3 NCBI Protein#:NP_002746.1 NP_109587.1 |
| 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 streptavidin, most applications: 1: 50 - 1: 1,000

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