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Phospho-MEK1 (S298) Rabbit mAb

货号: AYM29880

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	40kDa/43kDa
实测分子量	45kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat,HeLa,A-431,MCF-7,Mouse Liver,Mouse Kidney,Rat Thymus
细胞定位	Cytoplasm,Membrane,Nucleus,Peripheral membrane protein,centrosome,cytoskeleton,microtubule organizing center,spindle pole body
纯化	Affinity purification

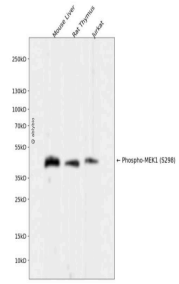
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-MEK1 (S298).

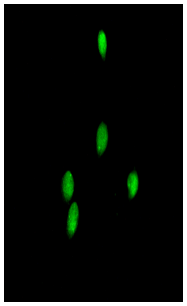
靶点信息

研究背景	The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development.
基因ID	5604
基因名	MAP2K1
Swiss	Q02750 (https://www.uniprot.org/uniprotkb/Q02750/entry)
别名	Phospho-MEK1 (S298),Dual specificity mitogen-activated protein kinase kinase 1,ERK activator kinase 1, MAP kinase kinase 1,MAP kinase/Erk kinase 1,MAP2K1,MAPK/ERK kinase 1,MAPKK 1,MAPKK1,MEK 1,Mek1, MEKK1,Mitogen activated protein kinase kinase 1,MKK 1,MKK1,MP2K1_HUMAN,PRKMK1,Protein kinase mitogen activated kinase 1 (MAP kinase kinase 1),Protein kinase mitogen activated,kinase 1,Phospho-MEK1 (S298) Rabbit mAb

产品验证



Western blot analysis of Phospho-MEK1 (S298) expressed in Mouse Liver,Rat Thymus,Jurkat using Phospho-MEK1 (S298) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunofluorescence analysis of HeLa cells labelling Phospho-MEK1 (S298) with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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