

# MST4 Rabbit mAb

Catalog # AP75744

## Product Information

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Application	WB, IP, ICC
Primary Accession	<a href="#">Q9P289</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	46529

## Additional Information

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Gene ID	51765
Other Names	STK26
Dilution	WB~~1/500-1/1000 IP~~N/A ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

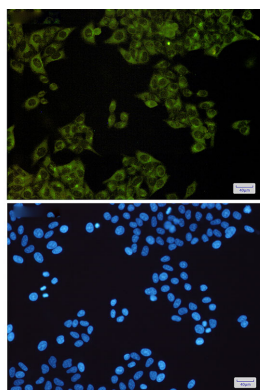
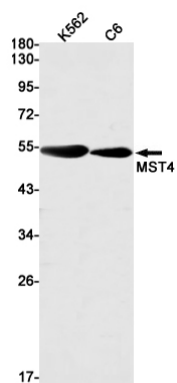
## Protein Information

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Name	STK26 ( <a href="#">HGNC:18174</a> )
Function	Serine/threonine-protein kinase that acts as a mediator of cell growth (PubMed: <a href="#">11641781</a> , PubMed: <a href="#">17360971</a> ). Modulates apoptosis (PubMed: <a href="#">11641781</a> , PubMed: <a href="#">17360971</a> ). In association with STK24 negatively regulates Golgi reorientation in polarized cell migration upon RHO activation (PubMed: <a href="#">27807006</a> ). Phosphorylates ATG4B at 'Ser- 383', thereby increasing autophagic flux (PubMed: <a href="#">29232556</a> ). Part of the striatin-interacting phosphatase and kinase (STRIPAK) complexes. STRIPAK complexes have critical roles in protein (de)phosphorylation and are regulators of multiple signaling pathways including Hippo, MAPK, nuclear receptor and cytoskeleton remodeling. Different types of STRIPAK complexes are involved in a variety of biological processes such as cell growth, differentiation, apoptosis, metabolism and immune regulation (PubMed: <a href="#">18782753</a> ).
Cellular Location	Cytoplasm. Golgi apparatus Note=Colocalized with RIPOR1 in the Golgi of serum-starved cells and relocated to cytoplasmic punctae, probably vesicular compartments, along with RIPOR1 upon serum stimulation in a Rho- and PDCD10-dependent manner (PubMed: <a href="#">27807006</a> ).

## Images

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.