Product Name: **CCRK (N-term) Mouse Monoclonal Antibody**
Catalog #: **AMM85944**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	38.7kDa

Antigen Information

Gene Name	CCRK (N-term)
Alternative Names	Cyclin-dependent kinase 20, CDK-activating kinase p42, CAK-kinase p42, Cell cycle-related kinase, Cell division protein kinase 20, Cyclin-dependent protein kinase H, Cyclin-kinase-activating kinase p42, CDK20, CCRK, CDCH
Gene ID	23552.0
SwissProt ID	Q8IZL9
Immunogen	Purified His-tagged CCRK protein was used to produced this monoclonal antibody.

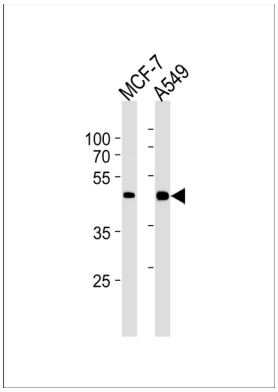
Background

Required for high-level Shh responses in the developing neural tube. Together with BROMI, controls the structure of the

primary cilium by coordinating assembly of the ciliary membrane and axoneme, allowing GLI2 to be properly activated in response to SHH signaling (By similarity). Involved in cell growth. Activates CDK2, a kinase involved in the control of the cell cycle, by phosphorylating residue 'Thr-160'.

Research Area

Image Data



CCRK Antibody (N-term) western blot analysis in MCF-7,A549 cell line lysates (35µg/lane).This demonstrates the CCRK antibody detected the CCRK protein (arrow).