

ROCK2 (AB4782) Rabbit mAb

M0711

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC-P, ELISA

MW

- 161 kDa (calculated)
- 161 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB, IHC-P, ELISA

Dilution

WB, 1:1000-1:2000 | IHC-P, 1:200-1:800 | ELISA, Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.02% sodium azide.

Basic Information

Clonality Monoclonal

Clone Number AB4782

Immunogen A synthetic peptide corresponding to a sequence within amino acids 1289 - 1388 of human ROCK2 (O75116).

Specificity This antibody detects endogenous levels of ROCK2 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name ROCK2

Protein Name ROCK2

Database Link	Organism	Swiss Prot.	Gene ID
	Human	O75116	9475

Background The protein encoded by this gene is a serine/threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho.