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MELK (AB4170) Rabbit mAb

M1509

Key Features

Host Species
- Rabbit

Reactivity
- Human, Mouse, Rat

Applications
- WB, ELISA

MW
- 75 kDa (calculated)
- 75 kDa (observed)

Isotype
- IgG

Recommended Dilution Ratios

Application	Dilution
WB, ELISA	WB, 1:500-1:2000 | ELISA, Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions	Store at-20℃. 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	AB4170
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1 - 100 of human MELK.
Specificity	This antibody detects endogenous levels of MELK 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	MELK
Protein Name	MELK

Database Link

Organism	Swiss Prot.	Gene ID
Human	Q14680	9833

Background

Enables calcium ion binding activity; non-membrane spanning protein tyrosine kinase activity; and protein serine/threonine kinase activity. Involved in apoptotic process; cell population proliferation; and protein autophosphorylation. Located in cell cortex and plasma membrane.