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30-1511: Anti-PDE8a Monoclonal Antibody (Clone:EM-52)

Clonality: Monoclonal Clone Name: EM-52 Application: WB Reactivity: Human PDE8A Gene: Gene ID: 5151 **Uniprot ID:** O60658 Format: Purified **Alternative Name:** PDE8A Isotype: Mouse IgG1 Immunogen Information: Human PDE8a

Description

PDE8a (high affinity cAMP-specific and IBMX-insensitive 3´,5´-cyclic phosphodiesterase 8 A) is a cyclic nucleotide phosphodiesterase, which hydrolyzes cAMP, an important regulator and mediator of multiple cellular responses to extracellular signals. It is expressed in a wide variety of tissues including testis, ovary, small intestine, and colon. It is not expressed e.g. in thymus. PDE8a is composed of C-terminal catalytic domain containing two putative divalent metal sites and an N-terminal regulatory domain.

Product Info

Amount: 0.1 mg

Purification : Purified by protein-A affinity chromatography

Storage condition : Store at 2-8°C. Do not freeze.

Application Note

Western blotting: Recommended dilution: 1-2 Î1/4g/ml.

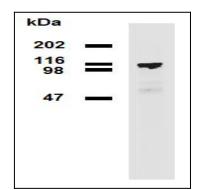


Figure 1: Western blotting analysis (reducing conditions) of PDE8a in HEK293T/17-PDE8a transfectants using mouse monoclonal antibody EM-52.