

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

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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

Western blotting: Recommended dilution: 1-2  $\mu$ g/ml.

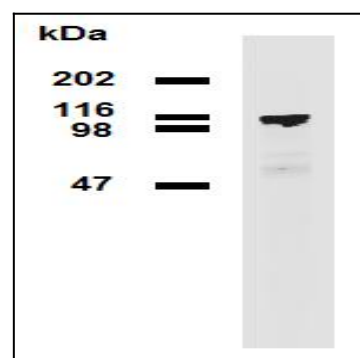


Figure 1: Western blotting analysis (reducing conditions) of PDE8a in HEK293T/17-PDE8a transfectants using mouse monoclonal antibody EM-52.