

## Anti-EID1 antibody, mouse monoclonal (#2)

<b>Product code</b>	71-190
<b>Size</b>	100 µg
<b>Storage</b>	-20°C
<b>Concentration</b>	1.0 mg/ml
<b>Buffer</b>	PBS- with 50% glycerol
<b>Purity</b>	Purified IgG fraction with protein A from hybridoma cell culture medium.
<b>Immunogen</b>	Synthetic peptide containing amino acids 1-19 of human EID1 protein.
<b>Isotype</b>	Mouse IgG2aκ
<b>Reactivity</b>	Human EID1 protein. Not tested for other species.
<b>Special notes</b>	N/A
<b>Application</b>	1. Western blotting (~1 µg/ml). 2. Immunofluorescence staining (~1 µg/ml). Other applications have not been tested.
<b>Background</b>	<i>EID1</i> (EP300 interacting inhibitor of differentiation 1) encodes a 21 kDa protein, which interacts with RB1 and EP300 and acts as a repressor of MYOD1 transcription. EID1 inhibits EP300 and CBP histone acetyltransferase activity. It may be involved in coupling cell cycle exit to the transcription of genes required for cellular differentiation.
<b>Data Link</b>	UniProtKB/Swiss-Prot Q9Y6B2 (EID1_HUMAN)
Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.	

**Data Images:** 71-190 Anti-EID1 antibody, mouse monoclonal (#2)



**Fig.1 Identification of the EID1 protein by the monoclonal antibody (clone #2) by Western blotting.** Crude cell extracts of MCF7 cells (breast cancer cell line) transfected with control vector pCMV1 (lane 1) or the EID1 expression vector pcDNA3/EID1 (lane 2) were analyzed by Western blotting using anti-EID1 antibody clone #2 as the primary antibody and HRP-conjugated-mouse IgG as the secondary antibody.

The EID1 protein was identified as a 21 kDa protein band as shown by an arrow.

**References:** This antibody has not yet been used in publication

### Related Product

71-185 Anti-EID1 antibody, mouse monoclonal (#26)