

### 34-1029: Monoclonal Antibody to Enolase-Alpha/ non-neuronal enolase (Clone: 253)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	253
<b>Application :</b>	WB, IF/ICC,
<b>Reactivity :</b>	Human, Rat, Mouse, Cow, Pig, Horse
<b>Gene :</b>	ENO1
<b>Gene ID :</b>	2023
<b>Uniprot ID :</b>	P06733
<b>Format :</b>	Purified
<b>Alternative Name :</b>	2-phospho-D-glycerate hydro-lyase,C-myc promoter-binding protein,Enolase 1,MBP-1,MPB-1,NNE,Non-neural enolase,Phosphopyruvate hydratase,Plasminogen-binding protein
<b>Isotype :</b>	Mouse, IgG1
<b>Immunogen Information :</b>	N-terminal 12 amino acids of bovine enolase 1

#### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Antibody is supplied as an aliquot of 1 mg/ml of affinity purified antibody.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

WB: 1:5,000-1:10,000 IF/ICC and IHC: 1:2,000-1:5,000.

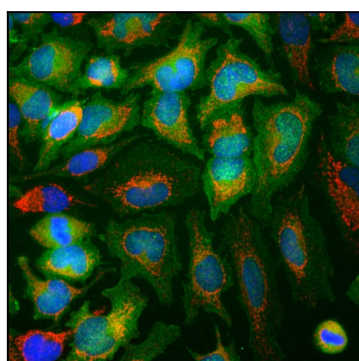


Figure-1: Immunofluorescent analysis of HeLa cells stained with mouse mAb to Enolase (34-1029), dilution 1:500 in green and costained with chicken pAb to HSP60, dilution 1:5,000, in red. The blue is DAPI staining of nuclear DNA. The (34-1029) antibody reveals strong cytoplasmic staining while the chicken HSP60 antibody specifically labels mitochondria in these cells.

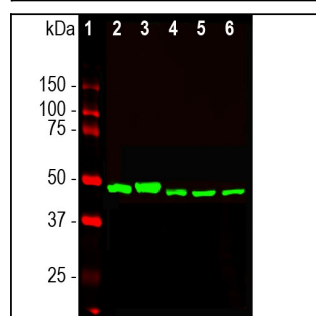


Figure-2: Western blot analysis of different cell lysates using mouse mAb to Enolase (34-1029), dilution 1:10,000 in green: [1] protein standard (red), [2] NIH-3T3 I, [3] C6, [4] HEK293, [5] HeLa, and [6] SH-SY5Y cells. A strong single band at 47kDa corresponds to the Enolase protein.