

34-1008: Monoclonal Antibody to Aldolase C: N terminal (Clone: 4A9)

Clonality :	Monoclonal
Clone Name :	4A9
Application :	WB, IIF/ICC, IHC
Reactivity :	Human, Rat, Mouse, Cow, Pig
Gene :	ALDOC
Gene ID :	230
Uniprot ID :	P09972
Format :	Purified
Alternative Name :	Brain-type aldolase
Isotype :	Mouse, IgG1
Immunogen Information :	N-terminal sequence MPHSYPALSAEQKKELSDIA

Product Info

Amount :	50 µl / 100 µl
Content :	Antibody is supplied as an aliquot of 1 mg/ml of affinity purified antibody.
Storage condition :	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: 1:2,000. IF/ICC or IHC: 1:1,000.

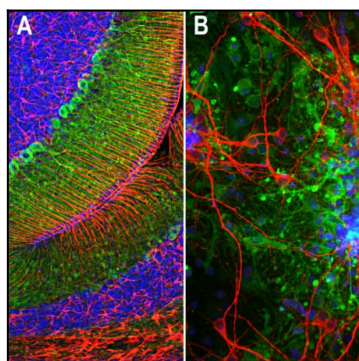


Figure-1: A. Immunofluorescence of rat cerebellum section stained with mouse mAb to aldolase C, (34-1008), dilution 1:1,000, in green, and costained with rabbit pAb to GFAP,(34-1042), dilution 1:5,000 in red. The blue is Hoechst staining of nuclear DNA. Aldolase C antibody selectively labels the perikarya and dendrites of Purkinje cells, while GFAP antibody stains processes of Bergman glia and astrocytic cells.

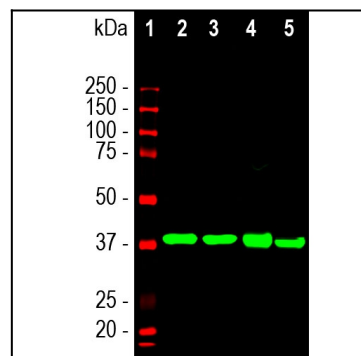


Figure-2: Western blot analysis of different tissue lysates using mouse mAb to aldolase C,(34-1008), dilution 1:2,000 in green: [1] protein standard (in red), [2] rat brain, [3] mouse brain, [4] cow cerebellum, and [5] pig hippocampus. The single strong band at about 40kDa corresponds to Aldolase C protein.