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34-1047: Monoclonal Antibody to Glyceraldehyde 3-Phosphate Dehydrogenase (Clone: 1D4)

Clonality: Monoclonal

Clone Name: 1D4

Application: WB, IF/ICC, IHC

Reactivity: Human, Rat, Mouse, Cow, Pig, Horse, monkey, Dog, Chicken

Gene : GAPDH
Gene ID : 2597
Uniprot ID : P04406
Format : Purified

Alternative Name: Peptidyl-cysteine S-nitrosylase GAPDH

Isotype: Mouse, IgM

Immunogen Information: Whole protein purified from pig

Product Info

Amount : 50 μl / 500 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: 1:1,000 IF/IHC: 1:100.

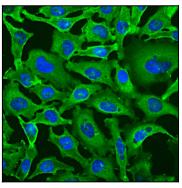


Figure-1: Immunofluorescent analysis =of HeLa cells stained with mouse mAb to GAPDH,(34-1047), dilution 1:100 in green. Blue is Hoechst staining of nuclear DNA. The (34-1047) antibody produces strong cytoplasmic staining of healthy cells.

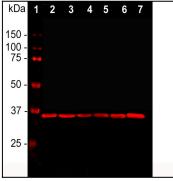


Figure-2: Western blot analysis of cell line lysates probed with mouse mAb to GAPDH,(34-1047), dilution 1:2,000: [1] protein standard, [2] HEK293, [3] HeLa, [4] SH-SY5Y, [5] COS1, [6] NIH-3T3, and [7] C6 cells. The GAPDH antibody reveals a single band at ~37 kDa in all cell lines. GAPDH is a "house keeping†protein, the level of which is relatively unaffected by most experimental manipulations, and, as a result, this antibody has been widely used as a western blotting loading control.