

5-hydroxyuridine monoclonal antibody

Catalog: MB30081

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

5-Hydroxyuridine is a modified nucleoside formed by the oxidative hydroxylation of uridine in RNA. It is a marker of RNA oxidative damage caused by reactive oxygen species. Antibodies to 5-hydroxyuridine are used to detect RNA oxidation in studies of oxidative stress and aging.

Product:

Mouse IgG1. 1mg/ml in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

N/A (modified nucleoside)

Swiss-Prot:

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

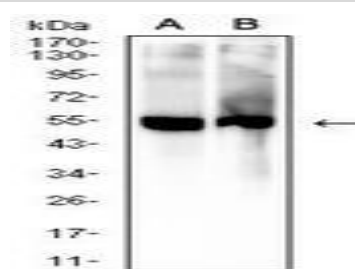
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of 5-hydroxyuridine protein

DATA:



Western blot analysis of NAT1 expression in U937 (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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