

MAB355Hu21

Monoclonal Antibody to 5-Lipoxygenase (5-LO)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

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[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: D10

Traits: Liquid

Concentration: 1mg/ml

UOM: 100µl

Cross Reactivity: Mouse; Rat; Porcine.

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant 5-LO (Glu461~Ser671) expressed in E.coli

Accession No.: RPB355Hu01

[APPLICATIONS]

Western blotting: 0.5-2µg/mL

Immunohistochemistry: 5-20µg/mL

Immunocytochemistry: 5-20µg/mL

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

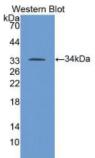
Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



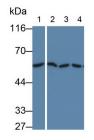


Figure.Western Blot;Sample: Recombinant ALOX5, Human. Western Blot; Sample: Lane1: Human Serum; Lane2: Rat Cerebrum lysate; Lane3: Mouse Cerebrum lysate; Lane4: Porcine Cerebrum lysate Primary Ab: 2µg/ml Mouse Anti-Human 5-LO Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

[<u>IMPORTANT NOTE</u>]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.