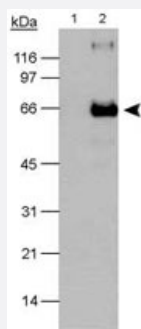


3-OHKYN monoclonal antibody, clone P3UI

Catalog # MAB2404

Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis of 3-OHKYN in modified BSA using 3-OHKYN monoclonal antibody, clone P3UI (Cat # MAB2404). 10 second ECL exposure. Lane 1 : BSA (-), Lane 2 : BSA (+).

Specification

Product Description	Mouse monoclonal antibody raised against 3-OHKYN.
Immunogen	3-OHKYN modified KLH.
Host	Mouse
Reactivity	Human
Specificity	This antibody is specific to 3-hydroxykynurenine modifications on N-alpha-acetyl lysine, N-alpha-acetyl histidine, N-alpha-acetyl arginine, and N-alpha-acetyl cysteine. It does not recognize the transaminase enzyme involved in the degradation of tryptophan.
Form	Liquid
Isotype	IgG1, kappa
Quality Control Testing	Antibody Reactive Against 3-OHKYN.
Recommend Usage	Western Blot (2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine, 150 mM NaCl

Storage Instruction

Store at -20°C or -80°C.

Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

Western blot analysis of 3-OHKYN in modified BSA using 3-OHKYN monoclonal antibody, clone P3UI (Cat # MAB2404). 10 second ECL exposure. Lane 1 : BSA (-), Lane 2 : BSA (+).

- Immunocytochemistry

Publication Reference

- [3-hydroxykynurenine-mediated modification of human lens proteins: structure determination of a major modification using a monoclonal antibody.](#)

Staniszewska MM, Nagaraj RH.

The Journal of Biological Chemistry 2005 Apr; 280(23):22154.

Application: ELISA, IF, IHC-P, WB, Human, HLE-B3 cells, Human lenses