RHA™ anti-Acrylamide monoclonal antibody, clone am (HMABPY115)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description
Acrylamide (or acrylic amide) is a chemical compound with the chemical formula C3H5NO. Its IUPAC name is prop-2-enamide. It is a white odorless crystalline solid, soluble in water, ethanol, ether, and chloroform. Acrylamide decomposes in the presence of acids, bases, oxidizing agents, iron, and iron salts. It decomposes non-thermally to form ammonia, and thermal decomposition produces carbon monoxide, carbon dioxide, and oxides of nitrogen.

Acrylamide can be prepared by the hydrolysis of acrylonitrile by nitrile hydratase. In industry, most acrylamide is used to synthesize polyacrylamides, which find many uses as water-soluble thickeners. These include use in wastewater treatment, gel electrophoresis (SDS-PAGE), papermaking, ore processing, tertiary oil recovery, and the manufacture of permanent press fabrics. Some acrylamide is used in the manufacture of dyes and the manufacture of other monomers.

Immunogen
Acrylamide [KLH]

Isotype
IgG

Source/Host
Mouse

Species Reactivity
N/A

Clone
am

Purification
Purified with Absolute Mag™ Protein A Agarose (WHM-L086)

Conjugate
Unconjugated

Applications
ELISA, LFIA

Size
1 mg

Buffer
0.01M pH7.4 PBS

Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.