



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 C_3H_5NO . 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 from mouse ascites.
Conjugate	Unconjugated
Applications	ELISA, LFIA
Size	100 µg, 1 mg

Buffer	0.01M pH7.4 PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.