



# 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<sub>3</sub>H<sub>5</sub>NO. 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.

<b>Immunogen</b>	Acrylamide [KLH]
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	am
<b>Purification</b>	Purified with Absolute Mag™ Protein A Agarose (WHM-L086)
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, LFIA
<b>Size</b>	1 mg
<b>Buffer</b>	0.01M pH7.4 PBS
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.