

## Monoclonal Antibody to Atrazine (includes BSA conjugate)

<b>Catalog No.:</b>	AM00815SU-N
<b>Quantity:</b>	1 ml
<b>Background:</b>	Atrazine is a member of the widely used group of Triazine pesticides. It shows great solubility in water and long stability in soils. Due to its toxicity, Atrazine presents a persistent problem as a contaminant of water supplies and so requires careful monitoring and treatment. Persistence of Atrazine in soils may result in crop inhibition. Under the Water supply regulations (EC Watershed 1989) the maximum concentration of any one pesticide is set at 0.1µg/L. Atrazine is linked with endocrine disruption, neuropathy and cancer.
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	CH-2017
<b>Format:</b>	<b>State:</b> Liquid diluted ascites. <b>Buffer System:</b> PBS, containing 0.05% Sodium Azide as preservative.
<b>Applications:</b>	<b>ELISA (1/1,500):</b> Sensitivity is approximately 100 pg/ml Atrazine and 150 pg/ml Simazine when used with the included conjugate. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects Atrazine, Simazine. Minimal cross-reactivity (< 1%) with common Atrazine metabolites (Desethylatrazine, Desisopropylatrazine), Cyanazine, other classes of Pesticides, Mammalian or Bacterial proteins.
<b>Storage:</b>	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Protocols:</b>	<b><u>Included BSA Conjugated Control:</u></b> <b>Format:</b> Liquid Purified <b>Buffer:</b> PBS with 0.05% Sodium Azide as preservative. <b>Applications:</b> A standard dilution of 1/1,500 is suggested in ELISA. <b>Storage:</b> Store in aliquots at -20°C. Avoid multiple freeze/thaw cycles. Shelf life: one year from despatch.