

AP33034PU-N**Polyclonal Antibody to MTBE - Purified****Alternate names:**

Methyl-tert-butylether

Quantity:

1 ml

Concentration:

5 mg/ml

Background:

MTBE, methyl-tert-butylether is used in the laboratory as a solvent. In addition it is used as an additive for gasoline, used as an oxygenate and to raise the octane number. It is found as a contaminant in ground water and as such poses a threat for the production of drinking water.

Host / Isotype:

Chicken / IgY

Immunogen:

BSA-tert. Butyl Carbamide.
Chicken egg yolk, purified by PEG extraction.

Format:

State: Liquid purified IgY fraction
Purification: PEG Extraction
Buffer System: PBS, pH 7.2
Preservatives: 0.02% Sodium Azide

Applications:

Immunoaffinity Chromatography: Antibody can be coupled to solid support materials.

The Titer of the antibody solution is 2,000, which means that the antibody should be diluted 2,000 times for 50% binding.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody has affinity for MTBE.

Target: MTBE, CAS no.: 1634-04-4, Solubility: Ethers, Alcohol, most organic solvents.

Storage:

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.