

Product datasheet for **AM09349PU-S**

AGXT Mouse Monoclonal Antibody [Clone ID: AT2T4]

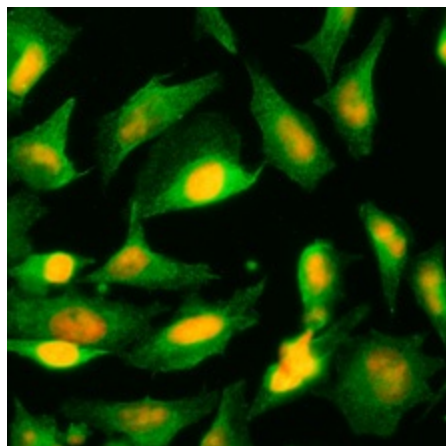
Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | AT2T4 |
| Applications: | ELISA, FC, IF, WB |
| Recommended Dilution: | ELISA. Immunofluorescence (1/500-1/1000). |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Recombinant AGXT (330-392 aa) purified from E. coli |
| Specificity: | The antibody recognizes Human AGXT. Other species not tested. |
| Formulation: | PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography on Protein G |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | alanine-glyoxylate aminotransferase |
| Database Link: | Entrez Gene 189 Human P21549 |
| Background: | The AGXT gene provides instructions for making a liver enzyme called alanine-glyoxylate aminotransferase. Inside liver cells, this enzyme is found in peroxisomes, structures that contain many different enzymes used to produce energy and the basic materials important for cellular activities. AGXT converts a compound called glyoxylate to glycine, an amino acid that is a building block for making enzymes and other proteins. |

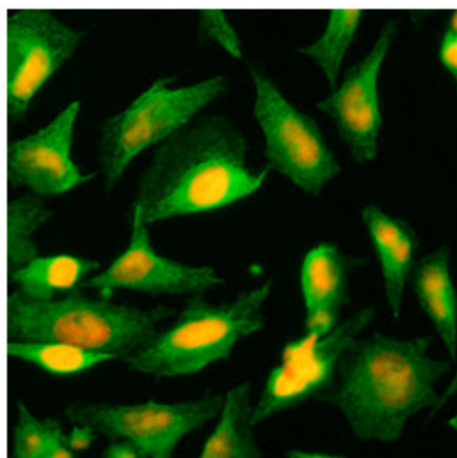


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| | |
|--------------------------|---|
| Synonyms: | SPAT, SPT |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Alanine, aspartate and glutamate metabolism, Glycine, serine and threonine metabolism, Metabolic pathways |

Product images:

Immunofluorescence of human HeLa cells stained with PI (Red) and monoclonal anti-AGXT antibody (1:500) with Alexa 488 (Green).



Immunofluorescence analysis:
Immunofluorescence of human HeLa cells stained with PI (Red) and monoclonal anti-AGXT antibody (1:500) with Alexa 488 (Green).