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32-5942: Mouse Anti Human Serine-Pyruvate Aminotransferase(Clone:PAT2T4AT.)

Clonality :	Monoclonal
Clone Name :	PAT2T4AT.
Application :	ELISA ,FACS
Gene :	AGXT
Gene ID :	189
Uniprot ID :	P21549
Format :	Purified
Alternative Name :	Serine-pyruvate aminotransferase,Alanine-glyoxylate aminotransferase,SPT,AGT,AGXT,AGT1,SPAT,PH1,TLH6,AGXT1.
Isotype :	Mouse IgG2b heavy chain and ? light chain.
Immunogen Information :	Anti-human AGXT mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human AGXT amino acids 330-392 purified from E. coli.

Description

AGXT is expressed only in the liver and its protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification. Mutations in the AGXT gene, some of which alter subcellular targetting, have been linked to type I primary hyperoxaluria.

Product Info

Amount :	20 µg
Purification :	AGXT antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

AGXT antibody has been tested by ELISA and Immunofluorescence analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Immunofluorescence analysis is 1:500 ~ 1000. Recommended starting dilution is 1:500.