

32-5945: Mouse Anti Human Aldo-Keto Reductase Family 7 Member A3(Clone: PAT2E11.)

Clonality :	Monoclonal
Clone Name :	PAT2E11.
Application :	ELISA, WB
Gene :	AKR7A3
Gene ID :	22977
Uniprot ID :	O95154
Format :	Purified
Alternative Name :	AFAR2, Aflatoxin B1 aldehyde reductase member 3, AFB1 aldehyde reductase 2, AFB1-AR2, AKR7A3.
Isotype :	Mouse IgG1 heavy chain and k light chain.
Immunogen Information :	Anti-human AKR7A3, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human AKR7A3 amino acids 1-331 purified from E. coli.

Description

AKR7A3, takes part in the detoxification of aldehydes and ketones. AKR7A3 reduces the dialdehyde protein-binding form of aflatoxin B1 (AFB1) to the non-binding AFB1 dialcohol. AKR7A3 participates in protection of liver against the toxic and carcinogenic effects of AFB1, a potent hepatocarcinogen.

Product Info

Amount :	20 µg
Purification :	AKR7A3 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

The antibody has been tested by ELISA, Western blot 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 Western blot analysis is 1:1000.