

## 32-6024: Mouse Anti Human Sorbitol Dehydrogenase(Clone: PAT10F4AT)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT10F4AT
<b>Application :</b>	ELISA,WB
<b>Gene :</b>	SORD
<b>Gene ID :</b>	6652
<b>Uniprot ID :</b>	Q00796
<b>Format :</b>	Purified
<b>Alternative Name :</b>	EC 1.1.1.14,SORD1,SORD,L-iditol 2-dehydrogenase,DHSO, Sorbitol Dehydrogenase.
<b>Isotype :</b>	Mouse IgG1 heavy chain and k light chain.
<b>Immunogen Information :</b>	Anti-human SORD mAb, clone PAT10F4AT, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human SORD protein 1-357 amino acids purified from E. coli.

### Description

SORD enzyme is part of the zinc-containing alcohol dehydrogenase family that is broadly expressed in kidney and in the lens eye. SORD enzymatically catalyzes the zinc-dependent interconversion of polyols, such as sorbitol and xylitol, to their respective ketoses.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	SORD antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
<b>Storage condition :</b>	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 starting dilution is 1:1000.