

### 32-6030: Mouse Anti Human Transglutaminase-4(Clone: PAT1H1AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT1H1AT.
<b>Application :</b>	ELISA, WB, IHC
<b>Gene :</b>	TGM4
<b>Gene ID :</b>	7047
<b>Uniprot ID :</b>	P49221
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Protein-glutamine gamma-glutamyltransferase 4, Transglutaminase-4, Prostate transglutaminase, Transglutaminase P, Prostate-specific transglutaminase, Fibrinolyticase, TGase-4, TGase P, TG(P), TGP, TGM4, hTGP, FLJ26776.
<b>Isotype :</b>	Mouse IgG2b heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human TGM4 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human TGM4 amino acids 421-565 purified from E. coli.

#### Description

Transglutaminase 4 (TGM4) belongs to the papain-like family of transglutaminases. TGM4 is a unique member of the family due basically to its distribution pattern in the body in that it is mainly found in the prostate gland and exists only at low levels in other tissues types.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	TGM4 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% 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

TGM4 antibody has been tested by ELISA, Western blot and immunohistochemistry 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 is 1:500~1:2,000 and immunohistochemistry analysis is 1:50~100. Recommended starting dilution for Western blot is 1:1000 and Immunohistochemistry is 1:50.