

32-6005: Mouse Anti Human Phenylethanolamine-N-Methyltransferase(Clone: PAT1C11.)

Clonality :	Monoclonal
Clone Name :	PAT1C11.
Application :	ELISA, WB
Gene :	PEMT
Gene ID :	10400
Uniprot ID :	Q9UBM1
Format :	Purified
Alternative Name :	PENT, PNMTase, Noradrenaline-N-methyltransferase, Phenylethanolamine N-methyltransferase, PNMT, MGC34570.
Isotype :	Mouse IgG1 heavy chain and k light chain.
Immunogen Information :	Anti-human PNMT, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human ADK amino acids 1-282 purified from E. coli.

Description

PNMT is an enzyme located in the adrenal medulla and it catalyzes the final step of the catecholamine biosynthesis pathway, which methylates norepinephrine to form epinephrine (adrenaline). PNMT has beta-carboline 2N-methyltransferase activity. PNMT takes part in regulating epinephrine production. Glucocorticoid receptors form multimers of PNMT independent of the DNA binding domain. PNMT expression is regulated late in mouse gestation by AP2-alpha and glucocorticoids.

Product Info

Amount :	20 µg
Purification :	PNMT 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 1:500.