



Anti-Methotrexate polyclonal antibody (DPAB3635)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Methotrexate
Immunogen	Methotrexate-BSA
Source/Host	Sheep
Species Reactivity	N/A
Conjugate	Unconjugated
Format	Ig Fraction
Buffer	20 mM Phosphate, 150 mM Sodium Chloride
Preservative	None
Storage	-20 oC

BACKGROUND

Introduction Methotrexate is in the class of medications called antimetabolites. The drug is used to treat severe psoriasis, rheumatoid arthritis and certain types of cancer. It works by slowing the proliferation of cells. Specifically, it inhibits the enzyme dihydrofolate reductase that is necessary for the synthesis of folic acid, which is required for the synthesis of DNA, RNA, thymidylates and proteins.

Keywords L-(+)-AMETHOPTERIN; Methotrexate; MTX; ANTIFOLAN; NSC 740; 4-AMINO-N 10-METHYLPTEROYL-L-GLUTAMIC ACID; 4-AMINO-10-METHYLPTEROYLGLUTAMIC ACID; NCI-C04671; (+)-4-AMINO-10-METHYLFOLIC ACID; METHOTREXATE; 4-AMINO-10-METHYLFOLIC ACID; amethopterin; Metatrexan; 4-amino-4-deoxy-n(sup10)-methylpteroylglutamate; Amethopterine; a-methpterin; CL-14377; EMT 25,299; emt25,299; Hdmtx; Kyselina 4-amino-N10-methylpteroylglutamova; L-(+)-N-(p-(((2,4-Diamino-6-pteridinyI)methyl)methylamino)benzoyl)glutamic acid