



# Anti-Methotrexate polyclonal antibody (DPAB4181)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Sheep Anti-Methotrexate Polyclonal Antibody
<b>Immunogen</b>	Methotrexate-BSA
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	N/A
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Ig Fraction
<b>Buffer</b>	20 mM Phosphate, 150 mM Sodium Chloride; PH 7.2
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	-20 oC

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	METHOTREXATE; METHYLAMINOPTERIN; METHYLAMINOPTERINE; ANTIFOLAN; Metatrexan; Methopterin; Methotextrate; Methotrexat; Methylaminopterinum; Mexate; N-Bismethylpteroylglutamic acid; n-bismethylpteroylglutamicacid; NCI-C04671; NSC 740; MTX; amethopterin