



Anti PGE2 Recombinant Monoclonal Antibody (2B5)

Cat. No.: MDBA1022CL

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

PRODUCT INFORMATION

Product Overview	This antibody has high affinity for prostaglandin E2 and can neutralize prostaglandin E2 activity in vitro and in vivo.
Host Species	Mouse
Specificity	Human, Mouse, Rat, Rabbit
Target	PGE2 (Prostaglandin E2)
Immunogen	A prostaglandin E2-thyroglobulin conjugate
Expression Host	CHO
Clone	2B5
Applications	IHC (1:200), IHC(P) (1:50;1:100), IHC(F) (1:50;1:100),, WB (1:100), ELISA (1:250)
Application Notes	The PGE2 antibody has been reported in applications of Enzyme-linked Immunosorbent Assay, Functional Assay.
Related Disease	Disorders in which prostaglandin E2 activity is detrimental

BACKGROUND

Introduction The naturally occurring prostaglandin E2 (PGE2 or PGE2) is known in medicine as dinoprostone. It has important effects in labour (softening the cervix and causing uterine contraction) and also stimulates osteoblasts to release factors that stimulate bone resorption by osteoclasts. PGE2 is also the prostaglandin that ultimately induces

fever. PGE2 also suppresses T cell receptor signaling and may play a role in resolution of inflammation.

Alternative Names	PGE2; Prostaglandin E2; PGE2
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