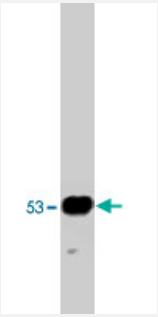
PTGER2 monoclonal antibody, clone 3E6

Catalog # MAB1976 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis using PTGER2 monoclonal antibody, clone 3E6 (Cat # MAB1976) on porcine brain lysate at 1 ug/mL .

Specification

Product Description	Mouse monoclonal antibody raised against recombinant PTGER2.
Immunogen	Recombinant protein of human PTGER2.
Host	Mouse
Reactivity	Bovine, Human, Rat
Form	Liquid
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western blot (1 to 5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  Western blot analysis using PTGER2 monoclonal antibody, clone 3E6 (Cat # MAB1976) on porcine brain lysate at 1 ug/mL .

Gene Info — PTGER2

Entrez GeneID	5732
Gene Name	PTGER2
Gene Alias	EP2
Gene Description	prostaglandin E receptor 2 (subtype EP2), 53kDa
Omim ID	176804 208550
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	prostaglandin E receptor 2, EP2 subtype, 53kD

Publication Reference

- Comparison of agonist-induced internalization of the human EP2 and EP4 prostaglandin receptors: role of the carboxyl terminus in EP4 receptor sequestration.

  Desai S, April H, Nwaneshiudu C, Ashby B.

  Molecular Pharmacology 2000 Dec; 58(6):1279.

- Preservation of neural function in the perinate by high PGE(2) levels acting via EP(2) receptors.

  Najarian T, Hardy P, Hou X, Lachapelle J, Doke A, Gobeil F Jr, Roy MS, Lachapelle P, Varma DR, Chemtob S.

  Journal of Applied Physiology 2000 Aug; 89(2):777.

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- Immunolocalization of the four prostaglandin E2 receptor proteins EP1, EP2, EP3, and EP4 in human kidney.

  Morath R, Klein T, Seyberth HW, Nüsing RM.

  Journal of the American Society of Nephrology 1999 Sep; 10(9):1851.

  Application: IHC-Fr, WB-Ti, Human, Human kidneys

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Adenoma
- Alzheimer disease
- Asthma
- Cardiovascular Diseases
- Chorioamnionitis
- Colorectal Neoplasms
- Connective Tissue Diseases
- Coronary Artery Disease
- Diabetes Complications
- Diabetes Mellitus
- Ductus Arteriosus
- Edema
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease
- Infant
- Infection

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- Inflammation
- Lung Neoplasms
- Metabolic Syndrome X
- Musculoskeletal Diseases
- Neoplasms
- Obstetric Labor
- Osteoporosis
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Pulmonary Disease
- Skin Diseases
- Thrombosis

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