



p23 Monoclonal Antibody

Catalog No	YP-mAb-02729
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PTGES3
Protein Name	Prostaglandin E synthase 3
Immunogen	The antiserum was produced against synthesized peptide derived from human TEBP. AA range:79-128
Specificity	p23 Monoclonal Antibody detects endogenous levels of p23 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PTGES3; P23; TEBP; Prostaglandin E synthase 3; Cytosolic prostaglandin E2 synthase; cPGES; Hsp90 co-chaperone; Progesterone receptor complex p23; Telomerase-binding protein p23
Observed Band	24kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Embryonic kidney,Epithelium,Liver,Lung,Pituitary,Platelet,T-cell,Testis,Uri
Function	catalytic activity:(5Z,13E)-(15S)-9-alpha,11-alpha-epidioxy-15-hydroxyprosta-5,13-dienoate = (5Z,13E)-(15S)-11-alpha,15-dihydroxy-9-oxoprostanoate.,function:Molecular chaperone that localizes to genomic response elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes.,pathway:Lipid metabolism; prostaglandin biosynthesis.,similarity:Belongs to the p23/wos2 family.,similarity:Contains 1 CS domain.,subunit:Binds to telomerase and to the progesterone receptor.,
Background	This gene encodes an enzyme that converts prostaglandin endoperoxide H2 (PGH2) to prostaglandin E2 (PGE2). This protein functions as a co-chaperone



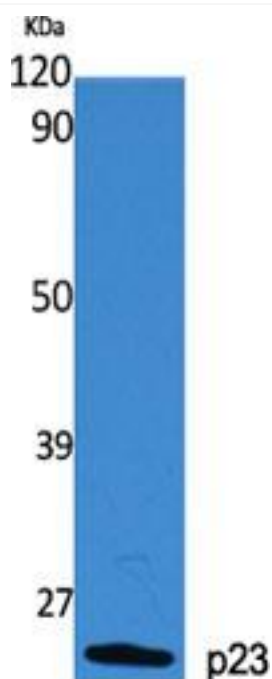
with heat shock protein 90 (HSP90), localizing to response elements in DNA and disrupting transcriptional activation complexes. Alternative splicing results in multiple transcript variants. There are multiple pseudogenes of this gene on several different chromosomes. [provided by RefSeq, Feb 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using p23 Monoclonal Antibody