Datasheet for ABIN564974

anti-PTGR1 antibody (AA 230-328)

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Overview

Quantity:	50 µL
Target:	PTGR1
Binding Specificity:	AA 230-328
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This PTGR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant LTB4DH.
Immunogen:	LTB4DH (NP_036344, 230 a.a. ~ 328 a.a) partial recombinant protein with GST tag.
Sequence:	MKKFGRIAIC GAISTYNRTG PLPPGPPPEI VIYQELRMEA FVVYRWQGDA RQKALKDLLK WVLEGKIQYK EYIIEGFENM PAAFMGMLKG DNLGKTIVK
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PTGR1
Alternative Name:	PTGR1 (PTGR1 Products)

Target Details

Background:	Full Gene Name: prostaglandin reductase 1 Synonyms: LTB4DH,MGC34943,ZADH3
Gene ID:	22949
NCBI Accession:	NM_012212

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Yu, Erzinger, Pietsch, Cervoni-Curet, Whang, Niederhuber, Sturla: "Up-regulation of human prostaglandin reductase 1 improves the efficacy of hydroxymethylacylfulvene, an antitumor chemotherapeutic agent." in: **The Journal of pharmacology and experimental therapeutics**, Vol. 343, Issue 2, pp. 426-33, (2012) (PubMed).

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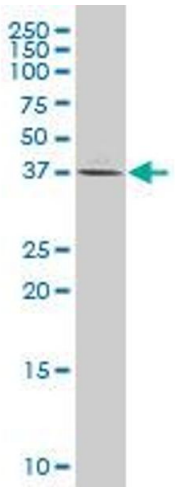
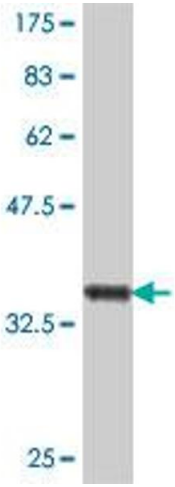


Western Blotting

Image 1. LTB4DH polyclonal antibody (A01), Lot # 051212JC01 Western Blot analysis of LTB4DH expression in 293 .



Western Blotting

Image 2. Western Blot detection against Immunogen (37 KDa) .