

For Research Use Only

AKR1B10 Monoclonal antibody

Catalog Number: 68327-1-Ig



Basic Information

Catalog Number: 68327-1-Ig	GenBank Accession Number: BC008837	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 57016	CloneNo.: 5A4G5
Source: Mouse	Full Name: aldo-keto reductase family 1, member B10 (aldose reductase)	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG2a	Calculated MW: 316 aa, 36 kDa	
Immunogen Catalog Number: AG24406	Observed MW: 35 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human, Pig, Rat	WB : HepG2 cells, rat stomach tissue, pig small intestine tissue, A549 cells, pig stomach tissue
	IF : A549 cells,

Background Information

Aldo-keto reductase family 1 member B10 (AKR1B10), which belongs to the AKR superfamily, consists of 316 amino acids and its gene is located on chromosome 7q33. AKR1B10 was initially identified in liver cancer. It is highly expressed in the small intestine, colon, and adrenal gland.

Storage

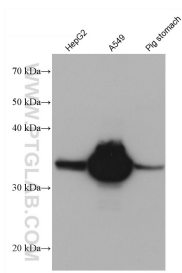
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

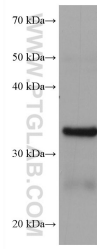
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

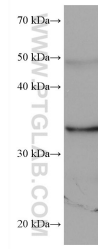
Selected Validation Data



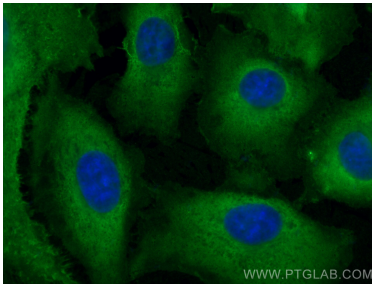
Various lysates were subjected to SDS PAGE followed by western blot with 68327-1-Ig (AKR1B10 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



rat stomach tissue were subjected to SDS PAGE followed by western blot with 68327-1-Ig (AKR1B10 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



pig small intestine tissue were subjected to SDS PAGE followed by western blot with 68327-1-Ig (AKR1B10 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using AKR1B10 antibody (68327-1-Ig, Clone: 5A4G5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).