

For Research Use Only

AKR1B10 Monoclonal antibody

Catalog Number: 68327-1-Ig



Basic Information

Catalog Number:

68327-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG24406

GenBank Accession Number:

BC008837

GeneID (NCBI):

57016

UNIPROT ID:

O60218

Full Name:

aldo-keto reductase family 1,
member B10 (aldose reductase)

Calculated MW:

316 aa, 36 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

5A4G5

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human, Pig, Rat

Positive Controls:

WB : HepG2 cells, rat stomach tissue, pig small
intestine tissue, A549 cells, pig stomach tissue

IF/ICC : 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

For technical support and original validation data for this product please contact:

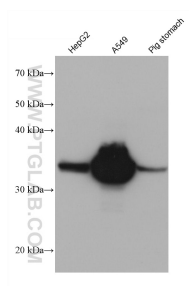
T: 4006900926

E: Proteintech-CN@ptglab.com

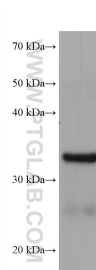
W: ptgcn.com

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

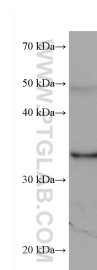
Selected Validation Data



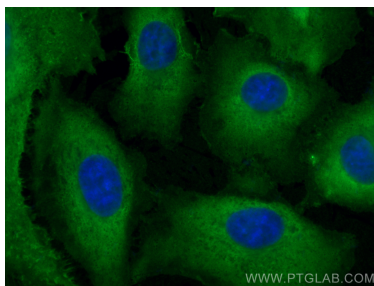
Various lysates were subjected to SDS PAGE followed by western blot with 68327-1-Ig (AKR1B10 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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).