Product datasheet

Anti-LBR Antibody

Catalog Number: *A01238-2*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Special NO.1, International Enterprise Center,
2nd Guanshan Road, Wuhan, China
Web: www.boster.com.cn ***Phone:*** +86 027-67845390 ***Fax:*** +86 027-67845390 ***Email:*** boster@boster.com.cn

Basic Information

Product Name	Anti-LBR Antibody
Gene Name	LBR
Source	Rabbit
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, FCM, ELISA
Contents	500 ug/ml antibody with PBS， 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	E.coli-derived human Lamin B Receptor/LBR recombinant protein (Position: H102-F209).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	71KD
Dilution Ratios	Western blot(WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 (ELISA)： 1:100-1000 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400 Flow cytometry (FCM): 1-3 μg/1x10^6 cells (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

Lamin-B receptor is a protein, and in humans, it is encoded by the LBR gene. It is mapped to 1q42.12. The protein encoded by this gene belongs to the ERG4/ERG24 family. It localized in the nuclear envelope inner membrane and anchors the lamina and the heterochromatin to the membrane. It may mediate interaction between chromatin and lamin B. Mutations of this gene has been associated with autosomal recessive HEM/Greenberg skeletal dysplasia. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified.

Selected Validation Data

Anti-LBR Antibody

Catalog Number: *A01238-2*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Special NO.1, International Enterprise Center,
2nd Guanshan Road, Wuhan, China
Web: www.boster.com.cn ***Phone:*** +86 027-67845390 ***Fax:*** +86 027-67845390 ***Email:*** boster@boster.com.cn

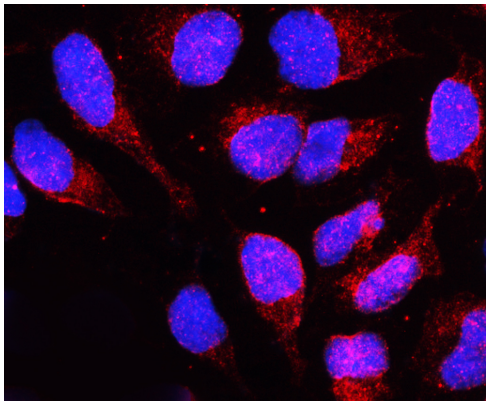

Figure 1. ICC analysis of anti- LBR antibody (A01238-2).was detected in immunocytochemical section of U2OS cells. Cells were stained using the Dylight594-conjugated Anti-rabbit IgG Secondary Antibody (red)(Catalog # BA1142) and counterstained with DAPI (blue).

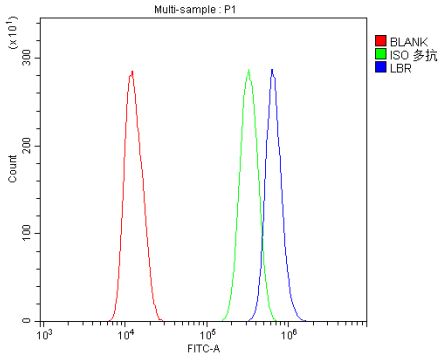

Figure 2. Flow cytometry analysis of U20S cell(1x106) DyLight 488 conjugated goat anti-rabbit IgG(blue) was used as secondary antibody.Isotype control antibody (Green line) was rabbit IgG DyLight 488. Unlabelled sample (Red line).