

Recombinant Anti-Beta-glucuronidase Rabbit mAb

Catalog # AP95345

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	P08236
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	74732

Additional Information

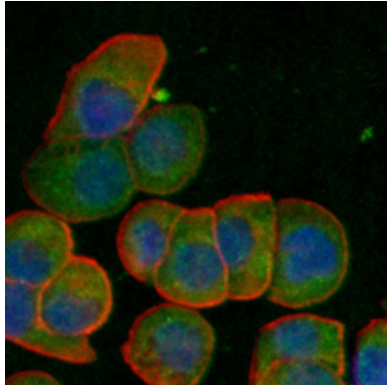
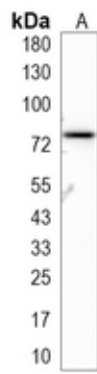
Gene ID	2990
Other Names	Beta-glucuronidase; Beta-G1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Beta-glucuronidase protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GUSB
Function	Plays an important role in the degradation of dermatan and keratan sulfates.
Cellular Location	Lysosome.

Images

Western blot analysis of Beta-glucuronidase expression in K562 (A) whole cell lysates. (Predicted band size: 75 kD; Observed band size: 78 kD)



Immunofluorescent analysis of Beta-glucuronidase staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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