antibodies - online.com







anti-Glucuronidase beta antibody (Middle Region)

Images



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Quantity:	0.4 mL	
Target:	Glucuronidase beta (GUSB)	
Binding Specificity:	AA 341-371, Middle Region	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Glucuronidase beta antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	
Product Details		
Immunogen:	KLH conjugated synthetic peptide between 341~371 amino acids from the Center region of	
	Human Beta-glucuronidase Genename: GUSB	
Isotype:	Human Beta-glucuronidase Genename: GUSB Ig Fraction	
Isotype: Specificity:		
	lg Fraction	
Specificity:	Ig Fraction This antibody recognizes Human Beta-glucuronidase (Center).	
Specificity: Purification:	Ig Fraction This antibody recognizes Human Beta-glucuronidase (Center).	

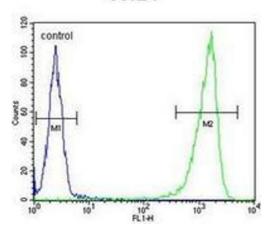
Target Details

rarget Details		
Background:	The GUSB gene encodes beta-glucuronidase (EC 3.2.1.31), a lysosomal hydrolase involved in the stepwise degradation of glucuronic acid-containing glycosaminoglycans (Shipley et al., 1993 [PubMed 7680524]). It is a tetrameric glycoprotein composed of identical subunits (Oshima et al., 1987 [PubMed 3468507]). The GUSB gene is mutated in mucopolysaccharidosis type VII (MPS7, MIM 253220). Synonyms: Beta-G1, GUSB	
Molecular Weight:	74732 Da	
Gene ID:	2990	
NCBI Accession:	NP_000172	
Pathways:	Glycosaminoglycan Metabolic Process	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		

Handiing

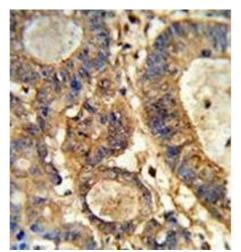
Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.	

WiDr



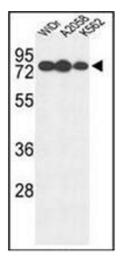
Flow Cytometry

Image 1. Flow cytometric analysis of WiDr cells using Beta-glucuronidase Antibody (Center) Cat.-No AP51986PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin-fixed and paraffin-embedded human colon carcinoma reacted with Beta-glucuronidase Antibody (Center) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 3. Western blot analysis of Beta-glucuronidase Antibody (Center) in WiDr, A2058, K562 cell line lysates (35ug/lane).