Datasheet for ABIN1944740

anti-HBG2 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	HBG2
Binding Specificity:	AA 101-133, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HBG2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HBG2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 101-133 amino acids from the C-terminal region of human HBG2.
Clone:	RB44841
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HBG2
Alternative Name:	HBG2 (HBG2 Products)

Target Details

Background:	Gamma chains make up the fetal hemoglobin F, in combination with alpha chains.
Molecular Weight:	16126
Gene ID:	3048
UniProt:	P69892

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:25. IHC-P: 1:25. FC: 1:25
Restrictions:	For Research Use only

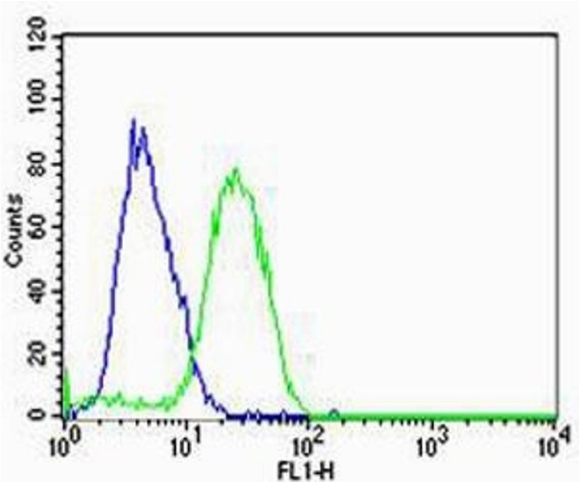
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

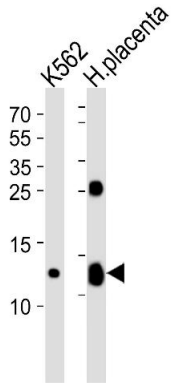
Product cited in:	Huang, Wang, Xu, Lu, Xu, Li, Zhou, Sha: "Expression of a novel RAD23B mRNA splice variant in the human testis." in: **Journal of andrology**, Vol. 25, Issue 3, pp. 363-8, (2004) (PubMed). Humphray, Oliver, Hunt, Plumb, Loveland, Howe, Andrews, Searle, Hunt, Scott, Jones, Ainscough, Almeida, Ambrose, Ashwell, Babbage, Babbage, Bagguley, Bailey, Banerjee, Barker, Barlow, Bates, Beasley et al.: "DNA sequence and analysis of human chromosome 9. ..." in: **Nature**, Vol. 429, Issue 6990, pp. 369-74, (2004) (PubMed). Masutani, Sugasawa, Yanagisawa, Sonoyama, Ui, Enomoto, Takio, Tanaka, van der Spek, Bootsma: "Purification and cloning of a nucleotide excision repair complex involving the xeroderma pigmentosum group C protein and a human homologue of yeast RAD23." in: **The EMBO journal**, Vol. 13, Issue 8, pp. 1831-43, (1994) (PubMed).

Images



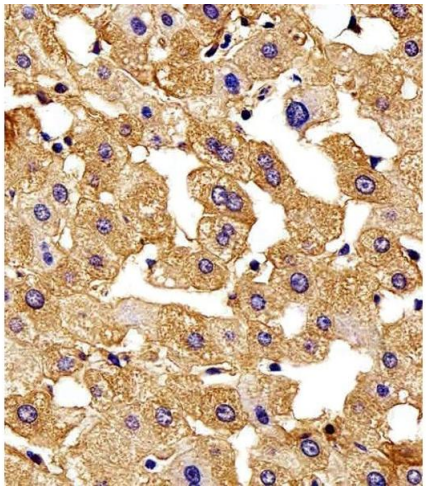
Flow Cytometry

Image 1. Flow cytometric analysis of U-87 MG cells using HBG2 Antibody (C-term)(green, Cat(ABIN1944740 and ABIN2838564)) compared to an isotype control of rabbit IgG(blue). (ABIN1944740 and ABIN2838564) was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis of lysates from K562 cell line and human placenta tissue lysate (from left to right), using HBG2 Antibody (C-term) (ABIN1944740 and ABIN2838564). (ABIN1944740 and ABIN2838564) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemical analysis of paraffin-embedded H. liver section using HBG2 Antibody (C-term) (ABIN392650 and ABIN2842150). (ABIN392650 and ABIN2842150) was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

Please check the product details page for more images. Overall 4 images are available for ABIN1944740.