

Datasheet for ABIN7126323 **anti-Fetuin A antibody**



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Overview

Quantity:	100 µg
Target:	Fetuin A (AHSG)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Fetuin A antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment of human AHSG protein (exact sequence is proprietary)
Isotype:	IgG1
Specificity:	Fetuin (also designated α_2-globulin or α_2-HS-glycoprotein) is a secreted plasma protein that is expressed in hepatocytes, monocyte/macrophages and in bone and is downregulated during injury and inflammation. Fetuin preferentially binds to and carries calcium and barium ions in the blood, where it is thought to mediate serum calcium homeostasis and mineralization, and to potentially participate in the transport of bioactive molecules. Additionally, fetuin has been shown to function as an acute phase anti-inflammatory mediator that is critical to regulating the innate immune response following tissue injury. During inflammation, circulating fetuin levels substantially decrease as fetuin becomes associated with the membranes of macrophages. This membrane associated form of fetuin acts as an opsonic participant by potentiating the entry of cationic small molecules into the activated macrophage, which in turn facilitates macrophage-deactivating mechanisms. Biologically active fetuin is derived from a

Product Details

	precursor protein that is cleaved at the aminotermminus to generate two chains held together by a single disulfide bond.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	Fetuin A (AHSG)
Alternative Name:	AHSG (AHSG Products)
Background:	59 kDa bone sialic acid-containing protein, Aa2-066, AHS, A-2-HS-glycoprotein chain B, Alpha-2-Z-globulin, HSGA Asialofetuin, Ba-alpha-2-glycoprotein, BSP, Countertrypsin, Fetua, Fetuin A, Glycoprotein PP63,Fetuin / AHSG (alpha 2-HS glycoprotein) Cellular localisation: Secreted.
Molecular Weight:	59kDa
Gene ID:	197, 324746
UniProt:	P02765

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined. Positive_Control: Human liver, testisor placenta.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-

Handling

hazardous.

Expiry Date: 24 months