

Datasheet for ABIN7605016 **anti-GZMB antibody**



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Overview

Quantity:	100 µL
Target:	GZMB
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This GZMB antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-Granzyme B GZMB Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human Granzyme B This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.
Clone:	AAHC-7
Isotype:	IgG
Characteristics:	Anti-Granzyme B GZMB Monoclonal Antibody (ABIN7605016). Tested in IHC, ICC/IF, IP applications. This antibody reacts with Human.
Purification:	Affinity-chromatography

Target Details

Target:	GZMB
Alternative Name:	GZMB (GZMB Products)
Background:	Synonyms: Leptin receptor,LEP-R,HuB219,OB receptor,OB-R,CD295,LEPR,DB, OBR, Tissue Specificity: Isoform A is expressed in fetal liver and in hematopoietic tissues and choroid plexus. In adults highest expression in heart, liver, small intestine, prostate and ovary. Low level in lung and kidney. Isoform B is highly expressed in hypothalamus.
Molecular Weight:	23 kDa
UniProt:	P10144
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
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
Storage Comment:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.