

Datasheet for ABIN7147523
anti-CHMP2B antibody (AA 1-213)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CHMP2B
Binding Specificity:	AA 1-213
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHMP2B antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Charged multivesicular body protein 2b protein (1-213AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CHMP2B
Alternative Name:	CHMP2B (CHMP2B Products)
Background:	Background: Probable core component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs) formation and sorting

Target Details

of endosomal cargo proteins into MVBs. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. The MVB pathway appears to require the sequential function of ESCRT-O, -I, -II and -III complexes. ESCRT-III proteins mostly dissociate from the invaginating membrane before the ILV is released. The ESCRT machinery also functions in topologically equivalent membrane fission events, such as the terminal stages of cytokinesis and the budding of enveloped viruses (HIV-1 and other lentiviruses). ESCRT-III proteins are believed to mediate the necessary vesicle extrusion and/or membrane fission activities, possibly in conjunction with the AAA ATPase VPS4.

Aliases: ALS17 antibody, Charged multivesicular body protein 2b antibody, CHM2B_HUMAN antibody, CHMP family, member 2B antibody, CHMP2.5 antibody, CHMP2b antibody, Chromatin modifying protein 2b antibody, Chromatin-modifying protein 2b antibody, DMT1 antibody, hVps2-2 antibody, Vacuolar protein sorting 2, yeast, homolog of, B antibody, Vacuolar protein sorting 2-2 antibody, Vacuolar protein sorting-associated protein 2-2 antibody, VPS2 homolog B antibody, Vps2-2 antibody, VPS2B antibody

UniProt: [Q9UQN3](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

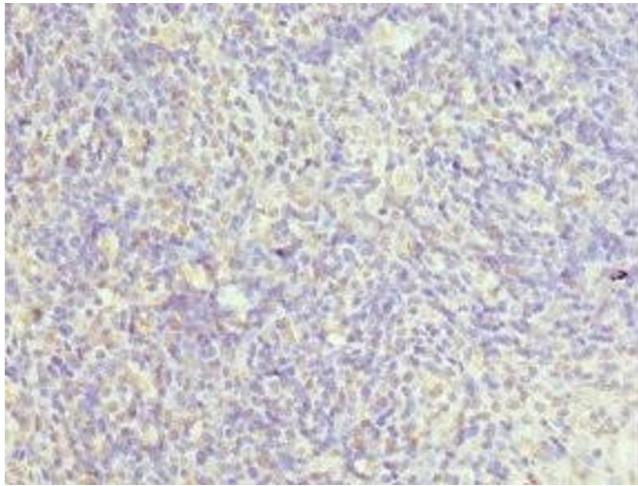
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

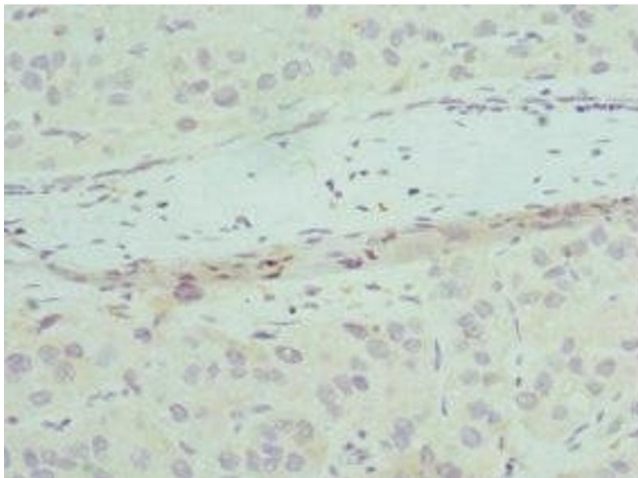
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human thymus tissue using ABIN7147523 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7147523 at dilution of 1:100