

**Product Name:** CHMP2B Rabbit Monoclonal Antibody**Catalog #:** AMRe84605

For research use only.

## Summary

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.49mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

## Application

<b>Dilution Ratio</b>	WB 1:1000-1:2000,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 24 kDa ; Observed MW: 28 kDa

## Antigen Information

<b>Gene Name</b>	CHMP2B
<b>Alternative Names</b>	ALS17; CHMP2b; DMT1; hVps2-2; VPS2B;;CHMP2B
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q9UQN3
<b>Immunogen</b>	A synthesized peptide derived from human CHMP2B

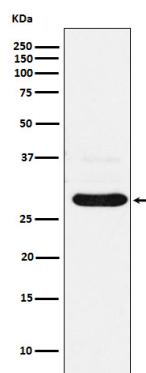
## Background

Probable core component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs) formation and sorting 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.

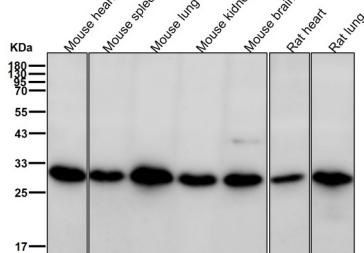
## Research Area

### Image Data

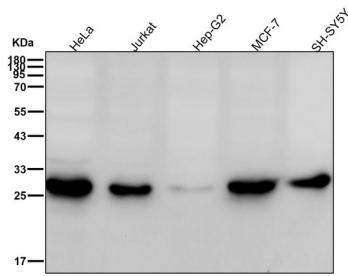


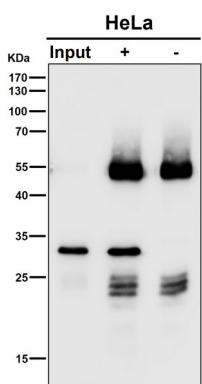
Western blot analysis of CHMP2B expression in A431 cell lysate.

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:3K dilution)