



## CHMP5 Antibody

CATALOG NUMBER: 45-399



Western Blot (xug/ml) staining of K562 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:8000. Western Blot: Approx 28kDa band observed in lysates of K562 (calculated MW of 24.5kDa according to NP_057494.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Ward et al, J Biol Chem. 2005 Mar 18;2
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1204 - K562 Cell Lysate
<b>IMMUNOGEN:</b>	CHMP5 antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of CHMP5.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	CHMP5 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	CHMP5 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	CHMP5, chromatin modifying protein 5, HGNC:26942, C9orf83, CGI-34, HSPC177, PNAS-2, SNF7DC2, SNF7 domain containing 2, chromosome 9 open reading frame 83, PNAS-114
<b>ACCESSION NO.:</b>	NP_057494.2
<b>PROTEIN GI NO.:</b>	20127558
<b>OFFICIAL SYMBOL:</b>	CHMP5

**GENE ID:** 51510

---

### Background

**REFERENCES:** 1) Ward DM, Vaughn MB, Shiflett SL, White PL, Pollock AL, Hill J, Schnegelberger R, Sundquist WI, Kaplan J. The role of LIP5 and CHMP5 in multivesicular body formation and HIV-1 budding in mammalian cells. J Biol Chem. 2005 Mar 18;280(11):10548-55. Epub 2005 Jan 11.

---

**FOR RESEARCH USE ONLY**

December 13, 2016