

Product: Anti-Cathepsin L, human
Catalog #: 01-2657
Amount: 100 µl

CATEGORY: Mouse monoclonal
CLONE: 2H7
IMMUNOGLOBULIN SUBTYPE: Mouse IgG2b kappa
IMMUNOGEN: Recombinant human Cathepsin L (114-333aa) purified from *E. coli*
FORM: Affinity purified, in PBS containing 0.05% NaN₃ and protein stabilizer

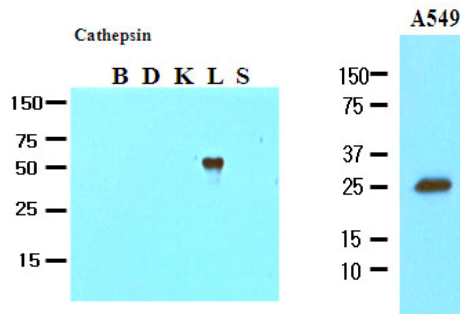
ANTIGEN RECOGNIZED

IN SPECIES: Human
SPECIFICITY: Human Cathepsin L
APPLICATION (tested so far): Immunoblotting (western, ECL)
ELISA

CONCENTRATION: 0.1 mg/ml
WORKING DILUTION: Immunoblotting: 1:100 – 1:200
ELISA: starting dilution: 1:100
The optimal working dilution should be determined by serial dilution

STORAGE: 2-8°C for immediate use, or at -20°C (aliquot)

REFERENCE:
Zheng X, et al: (2009) *Am J Physiol Cell Physiol.* **296**(1), 65-74
Reinheckel T, et al: (2005) *J Cell Sci.* **118**, 3387-3395
Ishidoh K, Kominami E: (2002) *Biol chem.* **383**(12), 1827-1831
Roth W, et al: (2000) *FASEB J.* **14**(13), 2075-2086



Western blot analysis

The recombinant fusion proteins (Cathepsin B, D, K, L and S), and cell lysates of A549 (30ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-Cathepsin L (1:100). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and DAB detection system

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