

## Mouse Monoclonal Antibody to CTSD

<b>Catalogue Number</b>	sAP-1119
<b>Target Molecule</b>	<p><b>Name:</b> CTSD</p> <p><b>Aliases:</b> CPSD; CLN10; HEL-S-130P</p> <p><b>MW:</b> 44.6kDa</p> <p><b>Entrez Gene ID:</b> 1509</p>
<b>Description</b>	<p>This gene encodes a lysosomal aspartyl protease composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. This proteinase, which is a member of the peptidase C1 family, has a specificity similar to but narrower than that of pepsin A. Transcription of this gene is initiated from several sites, including one which is a start site for an estrogen-regulated transcript. Mutations in this gene are involved in the pathogenesis of several diseases, including breast cancer and possibly Alzheimer disease.;</p>
<b>Immunogen</b>	Purified recombinant fragment of human CTSD (AA: 1-100) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM2H4H5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: ; FCM:
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	Clin Biochem. 2013 Dec;46(18):1808-11. ; Cancer Lett. 2012 Oct 28;323(2):208-14.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**