

小鼠抗 CSTB 单克隆抗体

中文名称： 小鼠抗 CSTB 单克隆抗体

英文名称： Anti-CSTB mouse monoclonal antibody

相关类别： 一抗

储 存： 冷冻（-20℃）

宿 主： Mouse

抗 原： CSTB

反应种属： Human

标 记 物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and kininogens. This gene encodes a stefin that functions as an intracellular thiol protease inhibitor. The protein is able to form a dimer stabilized by noncovalent forces, inhibiting papain and cathepsins I, H and B. The protein is thought to play a role in protecting against the proteases leaking from lysosomes. Evidence indicates that mutations in this gene are responsible for the primary defects in patients with progressive myoclonic epilepsy (EPM1). One type of mutation responsible for EPM1 is the expansion in the promoter region of this gene of a CCCC GCCCGCG repeat from 2-3 c

	opies to 30-78 copies.
Applications:	ELISA, WB, IHC
Name of antibody:	CSTB
Immunogen:	Fusion protein of human CSTB
Full name:	cystatin B
Synonyms:	PME; ULD; CST6; EPM1; STFB; CPI-B; EPM1A
SwissProt:	P04080
IHC positive control:	Human lymphoma
IHC Recommend dilution:	40-200
WB Predicted band size:	11 kDa
WB Positive control:	HEK293 whole cell lysate
WB Recommended dilution:	500-2000



