## bsm-41184M

## [ Primary Antibody ]

## Cystatin-C(5C5) Mouse mAb



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- DATASHEET		400-901-9800
Host: Mouse	lsotype: IgG	Applications: WB (1:500-2000)
Clonality: Monoclonal	<b>CloneNo.:</b> 5C5	IHC-P (1:100-500) IHC-F (1:100-500)
GenelD: 1471	SWISS: P01034	IF (1:100-500)
<b>Target:</b> Cystatin-C(5C5)		ELISA (1:5000-10000)
Concentration: 1mg/ml		Reactivity: (predicted: Human)
Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: <sup>13 kDa</sup> Subcellular Location: <sup>Secreted</sup>
<b>Background:</b> 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 the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes the most abundant extracellular inhibitor of cysteine proteases, which is found in high concentrations in biological fluids and is expressed in virtually all organs of the body. A mutation in this gene has been associated with amyloid angiopathy. Expression of this protein in vascular wall smooth muscle cells is severely reduced in both atherosclerotic and aneurysmal aortic		s

lesions, establishing its role in vascular disease. [provided by

RefSeq].