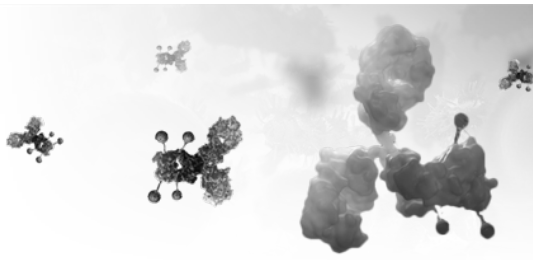

Anti-CD93 monoclonal antibody, clone X-2 (CABT-46886MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD93 antibody, clone X-2 recognizes human Complement component C1q receptor, also known as CD93, C1q/MBL/SPA receptor, C1qR or Complement component 1 q subcomponent receptor 1. CD93 is a 652 amino acid ~126kDa single pass type 1 transmembrane glycoprotein containing a single C-type lectin domain and multiple EGF-like domains. CD93 is expressed on granulocytes, monocytes and endothelial cells, but is not expressed on tissue macrophages. Culture of monocytes in the presence of IL-4 and GM-CSF to produce immature dendritic cells express surface CD93 but maturation in the presence of LPS or ionomycin leads to down regulation of the CD93 antigen expression. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD93
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	X-2
Conjugate	Unconjugated
Applications	IHC-Fr; FC; IP
Format	Purified IgG - lyophilised
Size	100 µg
Preservative	None
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C or at -20°C if

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preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CD93 CD93 molecule [Homo sapiens (human)]
Official Symbol	CD93
Synonyms	CD93; CD93 molecule; C1QR1; C1qRP; CDw93; ECSM3; MXRA4; C1qR(P); dJ737E23.1; complement component C1q receptor; C1qR; CD93 antigen; C1q receptor 1; C1q/MBL/SPA receptor; matrix-remodelling associated 4; matrix-remodeling-associated protein 4; complement c
Entrez Gene ID	22918
Protein Refseq	NP_036204
UniProt ID	Q9NPY3
Chromosome Location	20p11.21
Function	calcium ion binding; carbohydrate binding; complement component C1q binding; protein binding; receptor activity;

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