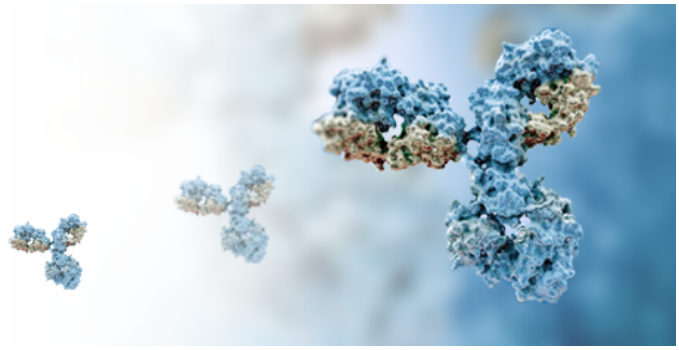

Rabbit Anti-Human CD93 Polyclonal Antibody

Cat. No.: CTA-371
This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product is an unconjugated anti-Human CD93 Polyclonal antibody generated from the Rabbit. The antibody can be used for WB; IF; IHC.

SPECIFICATIONS

Clonality	Polyclonal
Host Animal	Rabbit
Isotype	IgG
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FNTQGSFHCGCLPGWVLAPNGVSCTMGPVSLGPPSGPPDEEDKGEKEGSTVPRAA TASPTRGPEGTPKATPTTSRPSLSSDAPITSAPLKMLAPSGSSGVWREPSIHHAT AASGPQEPAGGDSSVATQNNDGTDGQKL
Species Reactivity	Human
Applications	WB; IF; IHC
Application Notes	WB: 0.04-0.4 μg/mL IF: 0.25-2 μg/mL IHC: 1:50 - 1:200 The optimal working dilutions should be determined by the end user.
Specificity	This antibody reacts with Human CD93.
Purification	Immunogen affinity purified
Purity	≥95% as determined by SDS-PAGE
Format	Liquid
Size	25; 100 μL
Buffer	PBS, pH 7.2, 40% glycerol
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

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Type	Primary Antibody

ANTIGEN INFORMATION

Introduction	CD93 (Cluster of Differentiation 93) is a protein that in humans is encoded by the CD93 gene. CD93 is a C-type lectin transmembrane receptor which plays a role not only in cell-cell adhesion processes but also in host defense. CD93 was initially thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein contains two highly conserved domains which may be involved in CD93 function. Indeed, the highly charged juxtamembrane domain has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. This process appears crucial for both adhesion, migration and phagocytosis, three functions in which CD93 may be involved.
Alternative Names	CD93 Molecule; CD93; Complement Component 1 Q Subcomponent Receptor 1; Complement Component C1q Receptor; C1q/MBL/SPA Receptor; C1QR1; C1qRP; C1qR; Complement Component 1, Q Subcomponent, Receptor 1; C1q Receptor 1; C1qRp; CD93
Gene ID	22918
UniProt ID	Q9NPY3

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