Decay Accelerating Factor (DAF) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Decay Accelerating Factor (DAF), Polyclonal Antibody
Full Product Name	FITC-Linked Polyclonal Antibody to Decay Accelerating Factor (DAF)
Product Gene Name	anti-DAF antibody
Product Synonym Names	CD55; CR; TC; Complement decay-accelerating factor
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat
Concentration	500ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: DAF (MBS2002908) FITC Conjugated Antibody: DAF (MBS2042686)
Matching Pairs	FITC Conjugated Antibody: DAF (MBS2042686) Immunogen: DAF (MBS2031450)
Molecular Weight	59,038 Da
OMIM	M31516 mRNA
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	DAF (Asp35~Gly285)
Conjugation	FITC
Cross Reactivity	Human, Rat
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2002908
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-DAF antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-DAF antibody	MBS2042686 is an antibody targeting DAF. Also known as FITC-Linked Polyclonal Antibody to Decay Accelerating Factor (DAF). Reactive in Human, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-DAF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DAF. It may not necessarily be applicable to this product.

NCBI GI #	240302
NCBI GeneID	1604
NCBI Accession #	AAB20576.1
UniProt Secondary Accession #	P09679; P78361; Q14UF2; Q14UF3; Q14UF4; Q14UF5; Q14UF6; B1AP14; D3DT83; D3DT84; E7ER69

UniProt Related Accession #	P08174
NCBI Official Full Name	decay-accelerating factor, partial
NCBI Official Synonym Full Names	CD55 molecule (Cromer blood group)
NCBI Official Symbol	CD55
NCBI Official Synonym Symbols	CR; TC; DAF; CROM
UniProt Protein Name	Complement decay-accelerating factor
UniProt Synonym Protein Names	CD_antigen: CD55
UniProt Gene Name	CD55
UniProt Synonym Gene Names	CR; DAF
NCBI Protein Information	complement decay-accelerating factor
NCBI Summary for DAF	This gene encodes a glycoprotein involved in the regulation of the complement cascade. Binding of the encoded protein to complement proteins accelerates their decay, thereby disrupting the cascade and preventing damage to host cells. Antigens present on this protein constitute the Cromer blood group system (CROM). Alternative splicing results in multiple transcript variants. The predominant transcript variant encodes a membrane-bound protein, but alternatively spliced transcripts may produce soluble proteins. [provided by RefSeq, Jul 2014]
UniProt Comments for DAF	This protein recognizes C4b and C3b fragments that condense with cell-surface hydroxyl or amino groups when nascent C4b and C3b are locally generated during C4 and c3 activation. Interaction of daf with cell-associated C4b and C3b polypeptides interferes with their ability to catalyze the conversion of C2 and factor B to enzymatically active C2a and Bb and thereby prevents the formation of C4b2a and C3bBb, the amplification convertases of the complement cascade.
Research Articles on DAF	**1.** Expression of PBMC-DAF declined in patients both at mRNA and surface level and correlated negatively with the disease activity. Expression of IFN-gamma also declined in patients but correlated positively with DAF and negatively with disease activity
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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