

Product datasheet for **TA355226**

Alpha Dystroglycan (DAG1) Mouse Monoclonal Antibody [Clone ID: 43DAG1/8D5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	43DAG1/8D5
Applications:	IHC
Recommended Dilution:	1:50-1:200
Reactivity:	Human, Chicken, Dog, Hamster, Mouse, Rabbit, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Synthetic peptide containing 15 of the last 16 amino acids at the extreme C-terminus of the human beta-dystroglycan sequence (PKNMTPYRSPPPYVP-PCOOH)
Specificity:	Human beta-dystroglycan (43 kD). Also crossreacts strongly with beta-dystroglycan in sections of mouse, rat, rabbit, dog and chicken, hamster and toad muscle. Other animal species not tested.
Formulation:	Lyophilized tissue culture supernatant containing sodium azide as a preservative.
Reconstitution Method:	The user is required to reconstitute the contents of the vial with the correct volume of sterile distilled water as indicated on the vial label
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	dystroglycan 1
Database Link:	Entrez Gene 1605 Human Q14118
Background:	Dystrophin associated glycoproteins (DAGs) are involved in the attachment of dystrophin to muscle membranes. The biological significance of this dystrophin/glycoprotein complex is not fully understood, but it appears to form an essential linkage between actin on the inside of the muscle fiber and muscle laminin in the basal lamina which surrounds the fiber. Beta-dystroglycan spans the sarcolemma and it has been suggested that it is the member of the complex which binds directly to dystrophin.



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Synonyms: 156DAG; A3a; AGRNR; alpha-dystroglycan; beta-dystroglycan; DAG