



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## FITC Mouse anti-Human CD55

**CL7315F**  
**Lot:**

**Description** CD55, also designated decay accelerating factor (DAF), is a 60-70 kDa glycosyl-phosphatidylinositol (GPI) anchored protein. CD55 is a member of the family of proteins that protect host tissue from damage by autologous complement. CD55 was first recognized as a species restricting factor operating at the level of C3 activation. It binds C3b and C4b to inhibit formation and half-life of the C3 convertases. CD55 expression increases upon T cell activation and in the presence of phorbol esters antibodies to CD55 (e.g. monoclonal antibody D17) are mitogenic.

CD55 is broadly distributed among cells in contact with serum, including both haematopoietic and nonhaematopoietic cells. Although CD55 does not have an essential role in controlling hemolysis of erythrocytes, it has an important role in regulation of the deposition of C3 on nucleated cells.

**Aliases** DAF (decay accelerating factor)

**Species** Mouse IgG1

**Formulation** 1 ml (100 µg/ml) 0.2 µm filtered FITC conjugated antibody solution in PBS, containing 1% bovine serum albumin and 0.02% sodium azide

**Application** The monoclonal antibody D17 can be used for Western blotting and flow cytometry

**Use** For flow cytometry and Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.

**Storage and Stability:** Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.

**Laboratory Reagent For Research Use Only**

JV 11/30/10

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