

Product datasheet

Anti-Propertdin/PFC antibody [10C5] ab17780

Overview

Product name	Anti-Propertdin/PFC antibody [10C5]
Description	Mouse monoclonal [10C5] to Propertdin/PFC
Host species	Mouse
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) corresponding to Human Propertdin/PFC.
General notes	This product was previously labelled as Propertdin

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 0.0268% PBS, 2.9% Sodium chloride
Purity	Protein G purified
Clonality	Monoclonal
Clone number	10C5
Myeloma	x63-Ag8.653
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab17780** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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ELISA

WB

Application notes

ELISA: 1/10000.

WB: Use at an assay dependent dilution. Predicted molecular weights: 25, 56 (reduced) and 220 kDa (unreduced).

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

A positive regulator of the alternate pathway of complement. It binds to and stabilizes the C3- and C5-convertase enzyme complexes.

Involvement in disease

Defects in CFP are the cause of properdin deficiency (PFD) [MIM:312060]. PFD results in higher susceptibility to bacterial infections; especially to meningococcal infections. Three phenotypes have been reported: complete deficiency (type I), incomplete deficiency (type II), and dysfunction of properdin (type III).

Sequence similarities

Contains 6 TSP type-1 domains.

Cellular localization

Secreted.

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