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Datasheet for ABIN206671
anti-Complement C8 antibody

Overview

Quantity:	0.1 mg
Target:	Complement C8 (C8)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Complement C8 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Purified human C8.
Clone:	056B-373
Isotype:	IgG1
Specificity:	Recognizes complement component 8 (C8), a 151 kD member of the complement C6/C7/C8/C9 family, present in blood serum. C8 is a terminal component of the complement system, part of both the complement membrane attack complex (MAC), and important to MAC assembly. C8 binds to the C5b-7 complex, anchored to the membrane, creating C5b-8. C5b-8 binds C9 and catalyses the polymerization of C9 Molecules to form C5b-9 (MAC). C8 is thought to contain lipid binding sites, facilitating the insertion of MAC into the membrane. Defects in the alpha chain of C8 can result in complement C8 deficiency type I. Furthermore, C8 deficiencies can cause recurring bacterial infections, in particular from Neisseria meningitides.

Product Details

Purification: Protein A purified

Target Details

Target: Complement C8 (C8)

Alternative Name: Complement C8 ([C8 Products](#))

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Borate buffered saline, pH 8.2 - 8.4, 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C,-20 °C

Storage Comment: 4°C or -20°C, Avoid freeze-thaw cycles.