

anti-human/-mouse C3/C3b/iC3b FITC-conjugated**Cat-No.: H12473F****1 ml****Clone:** 10C7**Specificity:**

The anti-human/mouse Complement Component C3 monoclonal antibody (Clone: 10C7) reacts with human and mouse C3 as well as the breakdown products C3b and iC3b. C3 is the most abundant complement protein in serum. C3 and its cleavage products, C3a and C3b, play a central role in the complement activation cascade. C3b forms an integral part of the C3 and C5 convertases as it promotes complement activation and the subsequent formation of the membrane attack complex. C3a possesses anaphylatoxic as well as various immunoregulatory properties.

Also, C3 has been implicated in developmental and non-inflammatory processes such as hematopoiesis, skeletal and vascular development and reproduction. CL7631F (clone: 6C9) and CL7632F (clone: 10C7) recognize different epitopes of the C3/C3b/iC3b molecules and do not cross-compete.

Isotype subclass: Mouse IgG1**Form:**

Purified from ascitic fluid via Protein G Chromatography, FITC conjugated

Physical state: Liquid**Buffer/Additives/Preservative:**

PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.4)

Expiration date:

The reagent is stable until the expiry date stated on the vial label

Storage conditions:

Store at 4°C. Do not freeze. Avoid prolonged exposure to light

Application:

Flow Cytometry

Warning:

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only.

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