

Monoclonal Antibody to Complement 3d (C3d) - Purified

Alternate names:	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1
Catalog No.:	BM343
Quantity:	0.1 mg
Concentration:	approx. 1.0 - 1.2 mg/ml
Background:	C3 plays a central role in the activation of the complement system. Processing of C3 by C3 convertase is the central reaction in both classical and alternative complement pathways, resulting in C3a and C3b. C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates, and help to initiate the complement cascade, potentially resulting in cellular apoptosis.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	1003
Immunogen:	Purified complement from human plasma
Format:	State: Liquid Ig fraction Purification: Protein A affinity chromatography Buffer System: Borate buffered saline, pH 8.4, containing 0.09% sodium azide (NaN ₃) as preservative
Applications:	Immunohistochemistry on frozen sections. Western blot (1/5,000). ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific for human Complement 3d, a polypeptide fragment which is present in C3. Species: Human. Other species not tested.
Storage:	Store undiluted at 2-8°C for up to one month or at -20°C for longer. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation. Shelf life: one year from despatch.