

Anti-C5b-9 + C5b-8 antibody [aE11]

Mouse Monoclonal C5 antibody. Suitable for IHC-Fr, ELISA, Flow Cyt, ICC/IF and reacts with Pig, Monkey, Human, Horse, Baboon samples. Cited in 21 publications.

Alternative names=Complement C5, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 4, CPAMD4, C5

Key facts

Isotype	IgG2a
Host species	Mouse
Storage buffer	pH: 7.4 Preservative: 0.09% Sodium azide Constituents: Phosphate Buffer, 0.87% Sodium chloride
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	aE11
Purification technique	Affinity purification Protein A/G
Specificity	The aE11 monoclonal was first reported to bind to a neoepitope exposed on polymerized C9 when incorporated into the human terminal complement complex (PubMed ID: 4035298). It was subsequently shown that this antibody also cross reacts with the C5b-8 complex and purified C8 alpha-gamma. It does not react with native C9 or C8 proteins (PubMed ID: 2424021). ab66768 binds both membrane-bound MAC (active) and fluid-phase SC5b-9 complexes (inactive) (Mollnes TE, Harboe M (1987).
Light chain type	kappa

Reactivity data

WB

Not recommended

Species Monkey, Baboon, Horse, Pig, Human

Dilution info -

Notes -

IHC-Fr

Tested

Species Pig

Dilution info 1/10.00000 - 1/500.00000

Notes -

Species Monkey

Dilution info 1/10.00000 - 1/500.00000

Notes -

Species Human

Dilution info 1/10.00000 - 1/500.00000

Notes -

Expected

Species Horse

Dilution info 1/10.00000 - 1/500.00000

Notes -

Predicted

Species Baboon

Dilution info -

Notes -

ELISA

Expected

Species	Human, Horse, Baboon, Pig
Dilution info	Use at an assay dependent concentration.
Notes	-

Predicted

Species	Monkey
Dilution info	-
Notes	-

Flow Cyt

Expected

Species	Pig
Dilution info	
Notes	ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Species	Baboon
Dilution info	
Notes	ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Species	Horse
Dilution info	
Notes	ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Species	Human
Dilution info	
Notes	ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Predicted

Species	Monkey
Dilution info	-
Notes	-

ICC/IF

Expected

Species	Human, Horse
Dilution info	Use at an assay dependent concentration.
Notes	-

Predicted

Species	Baboon, Monkey, Pig
Dilution info	-
Notes	-

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	Up to 12 months
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Storage information	Store undiluted

Notes

Abcam is leading the way to address reproducibility in scientific research with our highly validated recombinant monoclonal and recombinant multiclonal antibodies. Search & select one of Abcam's thousands of recombinant

alternatives to eliminate batch-variability and unnecessary animal use.

If you do not find a host species to meet your needs, our catalogue and custom Chimeric range provides scientists the specificity of Abcam's RabMAbs in the species backbone of your choice. Remember to also review our range of edited cell lines, proteins and biochemicals relevant to your target that may help you further your research goals.

Abcam antibodies are extensively validated in a wide range of species and applications, so please check the reagent specifications meet your scientific needs before purchasing. If you have any questions or bespoke requirements, simply visit the Contact Us page to send us an inquiry or contact our Support Team ahead of purchase.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

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