

PE Anti-CD14 antibody [Tuk4] ab186689

2 References

Overview

Product name	PE Anti-CD14 antibody [Tuk4]
Description	PE Mouse monoclonal [Tuk4] to CD14
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Sheep, Rabbit, Goat, Cow, Cat, Dog, Human, Pig, Mink, Cynomolgus monkey, Llama
Immunogen	The details of the immunogen for this antibody are not available.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (stable for up to 12 months). Store at +4°C. Do Not Freeze. Store In the Dark.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 93% PBS, 5% Sucrose, 1% BSA
Purity	Protein G purified
Purification notes	Purified from Tissue culture supernatant.
Clonality	Monoclonal
Clone number	Tuk4
Isotype	IgG2a

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab186689 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
Flow Cyt		Use at an assay dependent concentration. ab91363 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Function

Cooperates with MD-2 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Up-regulates cell surface molecules, including adhesion molecules.

Tissue specificity

Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.

Sequence similarities

Contains 11 LRR (leucine-rich) repeats.

Post-translational modifications

N- and O- glycosylated. O-glycosylated with a core 1 or possibly core 8 glycan.

Cellular localization

Cell membrane.

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