



Anti-TLR2 monoclonal antibody, clone 3C3 (DCABY-408)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Analysis of porcine bone marrow and blood shows that the antigen recognised by clone 3C3 is selectively expressed on mature cells, and that it is likely to be a labile conformational epitope. Use of clone 3C3 in conjunction with clone 7E20, allows for the discrimination and characterisation of different porcine granulocyte lineages and also their developmental stages: 7E20-3C3- early myeloid precursors, 7E20+3C3- immature neutrophils, 7E20+3C3+mature neutrophils and 7E20-3C3+ mature eosinophils and basophils. Clone 3C3 has been shown as suitable for use on cytopins.
Specificity	Clone 3C3 specifically recognizes porcine basophils, neutrophils and eosinophils, acting as a reliable tool for their analysis and isolation, without contamination from other cells.
Immunogen	Porcine bone marrow haematopoietic cells (BMHC).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Pig
Clone	3C3
Conjugate	Unconjugated
Applications	Flow Cytometry
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Format	Purified IgG - liquid
Size	250 µg

Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	TLR2 toll-like receptor 2 [Sus scrofa (pig)]
Official Symbol	TLR2
Synonyms	TLR2; toll-like receptor 2
Entrez Gene ID	396623
Protein Refseq	NP_998926
UniProt ID	Q6TN21
Chromosome Location	chromosome: 8
References	<ol style="list-style-type: none"> 1. Perez, C. et al. (2007) Phenotypic and functional characterization of porcine granulocyte developmental stages using two new markers. Dev. Comp. Immunol. 31: 296-306. 2. Piriou-Guzylack, L. (2008) Membrane markers of the immune cells in swine: an update. Vet Res. 39: 54.