



Anti-TLR2 monoclonal antibody, clone 7E20 (DCABY-407)

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

PRODUCT INFORMATION

Antigen Description	Expression of the antigen recognized by clone 7E20 decreases from the immature promyelocytes, through myelocytes and metamyelocytes, to the mature neutrophils, thereby enabling the identification of neutrophil developmental stages. Furthermore, use of clone 7E20 in conjunction with clone 3C3, 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 7E20 has been shown as suitable for use on cytopins.
Specificity	Mouse anti Pig Granulocytes antibody, clone 7E20 specifically recognizes a 60kDa antigen on porcine granulocytes of the neutrophil lineage, acting as a reliable tool for their analysis and isolation, without contamination from other cells.
Immunogen	Porcine bone marrow haematopoietic cells (BMHC).
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Pig
Clone	7E20
Conjugate	Unconjugated
Applications	Flow Cytometry, Immunoprecipitation, Western Blot
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Format	Purified IgG - liquid

Size	100 µg
Buffer	Phosphate buffered saline
Preservative	None
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.