

CD45 clone MAC323

Instructions for Use

Specification:

The CD45 antigen (leukocyte common antigen) is a family of five or more high molecular weight glycoproteins present on the surface of the majority of the leukocytes (including lymphocytes, monocytes and eosinophils) but absent from erythrocytes and platelets. The CD45 Allotype Variant antibody (MAC323) recognizes an allotype determinant of porcine CD45. The antibody has been shown to recognize pigs of strains Large White and German Landrace.

Availability:

Catalog No.	Contents	Volume
ILM4466-C01	CD45	0,1 ml concentrate
ILM4466-C05	CD45	0,5 ml concentrate
ILM4466-C1	CD45	1,0 ml concentrate

Intended use: For Research Use Only

Reactivity: Porcine

Clone: MAC323

Species of origin: Mouse

Isotype: IgG2a

Control Tissue : Pig B cell lymphoma

Staining: Membranous

Immunogen: Porcine PBL

Presentation: 1mg/ml antibody in Phosphate buffered saline, 0.09% Sodium Azide

Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution 1:10)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:10).

The optimal dilution for a specific application should be determined by the investigator.

Storage & Stability:

Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.