

Monoclonal Antibody to SWC7 - FITC

Catalog No.:	AM05886FC-N
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Host / Isotype:	Mouse / IgG2a
Clone:	2F6/8
Immunogen:	Porcine peripheral blood mononuclear cells
Format:	State: Liquid Ig fraction Purification: Affinity chromatography on Protein G Buffer System: Phosphate buffered saline pH 7.4, 0.09% Sodium Azide, 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: Neat - 1:10, 10 µl of the suggested working dilution to 1x10 ⁶ cells in 100 µl. Immunoprecipitation: Clone 2F6/8 immunoprecipitates a dimeric molecule with an apparent molecular size of 40kD (non-reduced) or 24kD (reduced). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the SWC7 cell surface antigen which is expressed by activated B lymphocytes and a subset of CD3+ T lymphocytes. Species: Pig. Other species not tested.
Storage:	Store the antibody undiluted at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
General Readings:	1. Bullido R, Doménech N, Gómez del Moral M, Alonso F, Ezquerro A, Domínguez J. Monoclonal antibodies 2F6/8 and 2A10/8 recognize a porcine antigen (SWC7) expressed on B cells and activated T cells. <i>J Immunol Methods</i> . 1999 Jan 1;222(1-2):1-11. PubMed PMID: 10022368. 2. Boersma WJ, Zwart RJ, Sinkora J, Rehakova Z, Haverson K, Bianchi AT. Summary of workshop findings for porcine B-cell markers. <i>Vet Immunol Immunopathol</i> . 2001 Jul 20;80(1-2):63-78. PubMed PMID: 11445219. 3. Saalmüller A, Pauly T, Lunney JK, Boyd P, Aasted B, Sachs DH, et al. Overview of the Second International Workshop to define swine cluster of differentiation (CD) antigens. <i>Vet Immunol Immunopathol</i> . 1998 Jan 30;60(3-4):207-28. PubMed PMID: 9589560. 4. Denham S, Zwart RJ, Whittall JT, Pampusch M, Corteyn AH, Bianchi AT, et al. Monoclonal

antibodies putatively identifying porcine B cells. Vet Immunol Immunopathol. 1998 Jan 30;60(3-4):317-28. PubMed PMID: 9589570.