

## Monoclonal Antibody to WC1 N11 Cluster - Ascites

<b>Catalog No.:</b>	VBAQ167-01
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	IgG concentration 0.5mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	BAQ167A
<b>Immunogen:</b>	H-2Kb - specific mouse cytotoxic T lymphocyte clone BM10-37.
<b>Format:</b>	<b>State:</b> Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid <b>Purification:</b> Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant <b>Buffer System:</b> Phosphate buffered saline pH7.2 0.09% Sodium Azide (NaN <sub>3</sub> ), 1% Bovine Serum Albumin,
<b>Applications:</b>	Flow Cytometry Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	MCA2690F detects CD3 epsilon (CD3e), a 20kDa transmembrane protein also known as CD3 or T3. CD3e is a member of the CD3 complex which consists of four subunits, gamma, delta, epsilon and zeta, and these are associated to the T cell receptor (TCR). TCR plays a critical role in T cell development and function, and is responsible for ligand recognition. It interacts non-covalently with the CD3 dimers delta/epsilon, gamma/epsilon and zeta/zeta which transduce signals from the TCR into the cell.

CD3e is primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation.

The 145-2C11 antibody is useful for *in vitro* blocking and activation assays, as well as apoptosis induction and *in vitro* T cell depletions.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)

**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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. 18 months from date of despatch.

**Caution:**

(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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