

## Product datasheet for **AM01263FC-S**

### ZAP70 Mouse Monoclonal Antibody [Clone ID: SBZAP]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	SBZAP
Recommended Dilution:	<b>Flow Cytometry:</b> Membrane permeabilisation is required.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Peptide corresponding to amino acid residues 280-309 of human ZAP-70, conjugated to KLH.
Specificity:	This antibody recognises human ZAP-70.
Formulation:	PBS Label: FITC State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for 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.
Stability:	Shelf life: one year from despatch.
Gene Name:	zeta chain of T cell receptor associated protein kinase 70kDa
Database Link:	<a href="#">Entrez Gene 7535 Human P43403</a>



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**Background:**

ZAP-70 is a 70kDa tyrosine protein kinase which associates with the T-cell receptor (TCR) zeta chain and undergoes phosphorylation following TCR stimulation. ZAP-70 is primarily expressed in T lymphocytes and natural killer cells, where it plays a key role in T-cell receptor (TCR) signalling. Recent studies suggest that ZAP-70 is also expressed in a population of normal immature B-cells and in B-cells from a sub-set of patients with chronic lymphocytic leukaemia.

**Synonyms:**

ZAP-70, ZAP 70, SRK