Datasheet for ABIN7115424

anti-IL-17 antibody

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Overview

Quantity:	100 µg
Target:	IL-17 (IL17)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	interleukin 17A
Clone:	5E2
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	IL-17 (IL17)
Alternative Name:	IL-17 (IL17 Products)
Background:	Synonyms:CTLA 8, CTLA8, IL 17, IL 17A, IL17, IL-17, IL17A, interleukin 17A Background:IL17A, also named as IL-17, is a proinflammatory cytokine. IL-17, synthesized only by memory T cells

Target Details

	and natural killer cells, has pleiotropic effects, mainly in the recruitment and activation of neutrophils. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2(PTGS2/COX-2), as well as enhance the production of nitric oxide(NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. The IL-17 receptor is a type I transmembrane protein, that is widely expressed on epithelial cells, fibroblasts, B and T cells, and monocytic cells. In psoriatic skin lesions, both Th17 cells and their downstream effector molecules, e.g. IL-17 and IL-22, are highly increased.
Molecular Weight:	18 kDa
Gene ID:	3605
UniProt:	Q16552

Application Details

Application Notes:	WB: 1:500-1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months