

Datasheet for ABIN6963864
anti-IL12 antibody (Biotin)

5 Publications

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Overview

Quantity:	1 mg
Target:	IL12
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL12 antibody is conjugated to Biotin
Application:	ELISA, ELISpot

Product Details

Immunogen:	Recombinant human IL-12 p70
Clone:	MT704
Isotype:	IgG2b
Specificity:	IL-12 (p70)
Cross-Reactivity (Details):	The monoclonal antibody cross-reacts with IL-12 (p70) from non-human primates.
Characteristics:	This monoclonal antibody enables specific detection of human IL-12 (p70) in immunoassays such as ELISpot, FluoroSpot, and ELISA. Serum/Plasma samples
Purification:	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.,Purified from in vitro cultures by protein G affinity chromatography.
Sterility:	0.2 µm filtered

Target Details

Target:	IL12
Alternative Name:	IL12 (p70) (IL12 Products)
Gene ID:	3592, 3593
Pathways:	JAK-STAT Signaling , TLR Signaling , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation , Cancer Immune Checkpoints , Inflammasome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	ABIN6963864 and ABIN7448307 is recommended as detection mAb in ELISpot, FluoroSpot, and ELISA in combination with capture mAbs .
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	supplied at 0.5 mg/mL in PBS with 0.02 % sodium azide
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:	4 °C,-20 °C
Storage Comment:	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing.
Expiry Date:	18 months

Publications

Product cited in:	Tomasicchio, Semple, Esmail, Meldau, Randall, Pooran, Davids, Cairncross, Anderson, Downs, Malherbe, Novitzky, Panieri, Oelofse, Londt, Naiker, Dheda: "An autologous dendritic cell vaccine polarizes a Th-1 response which is tumoricidal to patient-derived breast cancer cells." in: Cancer immunology, immunotherapy : CII , Vol. 68, Issue 1, pp. 71-83, (2019) (PubMed).
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Persson, Ekerfelt, Jablonowska, Jonsson, Ernerudh, Jenmalm, Berg: "Immunological status in patients undergoing in vitro fertilisation: responses to hormone treatment and relationship to outcome." in: **Journal of reproductive immunology**, Vol. 96, Issue 1-2, pp. 58-67, (2013) ([PubMed](#)).