

Datasheet for ABIN6963889
anti-GM-CSF antibody (Biotin)



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Overview

Quantity:	1 mg
Target:	GM-CSF (CSF2)
Reactivity:	Human, Non-Human Primate
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This GM-CSF antibody is conjugated to Biotin
Application:	ELISA, ELISpot

Product Details

Immunogen:	Recombinant human GM-CSF
Clone:	23B6
Isotype:	IgG2a
Specificity:	Native and recombinant GM-CSF
Cross-Reactivity (Details):	The monoclonal antibody cross-reacts with GM-CSF from non-human primates.
Characteristics:	This monoclonal antibody enables specific detection of human GM-CSF 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:	GM-CSF (CSF2)
Alternative Name:	GMCSF (CSF2 Products)
Gene ID:	1437
Pathways:	JAK-STAT Signaling , Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	ABIN6963889, ABIN7489152 and ABIN6964026 is recommended as detection mAb in ELISpot, FluoroSpot, and ELISA in combination with capture mAb ABIN6963888 and ABIN7489151 .
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	supplied at 1 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:	Ammitzbøll, Börnsen, Romme Christensen, Ratzer, Romme Nielsen, Søndergaard, von Essen, Sellebjerg: "Smoking reduces circulating CD26hiCD161hi MAIT cells in healthy individuals and patients with multiple sclerosis." in: Journal of leukocyte biology, Vol. 101, Issue 5, pp. 1211-1220, (2017) (PubMed). Myers, Cooper, Kem, Stavakis, Kosanke, Shevach, Fairweather, Stoner, Cox, Cunningham: "Cardiac myosin-Th17 responses promote heart failure in human myocarditis." in: JCI insight,
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Vol. 1, Issue 9, (2016) ([PubMed](#)).

Morita, Yamamoto, Suzuki, Mori, Igarashi, Sugita: "Molecular requirements for T cell recognition of N-myristoylated peptides derived from the simian immunodeficiency virus Nef protein." in:

Journal of virology, Vol. 87, Issue 1, pp. 482-8, (2013) ([PubMed](#)).

Ruiss, Jochum, Wanner, Reisbach, Hammerschmidt, Zeidler: "A virus-like particle-based Epstein-Barr virus vaccine." in: **Journal of virology**, Vol. 85, Issue 24, pp. 13105-13, (2012) ([PubMed](#)).