

DATASHEET

CD105 Rat Monoclonal Antibody(MJ7/18)

CAT. NO. AMA03830

KEY FEATURES

Target	CD105	Source / Host	Rat
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Rat IgG2a kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

BACKGROUND

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor, thus inducing receptor dimerization and tyrosine autophosphorylation leading to cell proliferation. Mutations in this gene are associated with lung cancer. EGFR is a component of the cytokine storm which contributes to a severe form of Coronavirus Disease 2019 (COVID-19) resulting from infection with severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

PRODUCT OVERVIEW

Description	Rat monoclonal antibody to CD105
Specificity	Recognizes mouse CD105
Antibody Type	Primary antibody
Immunogen	inflamed mouse skin
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Rat IgG2a kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	END; Endoglin; CD105
Gene Symbol	ENG
Entrez Gene	13805(Mouse)
SwissProt	Q63961(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**CD105 Rat Monoclonal Antibody(MJ7/18)****CAT. NO. AMA03830****| DATA****| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.