

Anti-ICOS [4A.3A2]

Catalogue number: 155247

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: Yale University

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-ICOS [4A.3A2]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody directed against ICOS, an immune checkpoint inhibitor. Background and Research Application ICOS (Inducible T-cell CO Stimulator) is a CD28-superfamily costimulatory molecule that is expressed on activated T cells. It is an immune checkpoint expressed on activated T cells, which has opposing functions in sustaining T cell activation and in Treg suppressive activity. ICOS plays roles in cell-cell signalling, immune responses and regulation of cell proliferation.

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen: Q9Y6W8

Immunogen UNIPROT ID: Q9Y6W8

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: inducible T-cell co-stimulator, CD278

Target alternate names:

Target background: Monoclonal antibody directed against ICOS, an immune checkpoint inhibitor. Background and Research Application ICOS (Inducible T-cell CO Stimulator) is a CD28-superfamily costimulatory molecule that is expressed on activated T cells. It is an immune checkpoint expressed on activated T cells, which has opposing functions in sustaining T cell activation and in Treg suppressive activity. ICOS plays roles in cell-cell signalling, immune responses and regulation of cell proliferation.

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Chen et al. 2019. JCI Insight. 4(22):. PMID: 31723059. ; Trittel et al. 2019. Sci Rep. 9(1):16362. PMID: 31704965. ; Czarnewski et al. 2019. Nat Commun. 10(1):2892. PMID: 31253778. ; Zwick et al. 2019. Front Immunol. 10:222. PMID: 30809231. ; Shahbaz et al. 2018. PLoS Biol. 16(12):e2006649. PMID: 30550561. ; Maj et al. 2017. Nat Immunol. 18(12):1332-1341. PMID: 29083399. ; Long et al. 2016. Genes (Basel). 8(1):. PMID: 28035981. ; Portoles et al. 1989. J Immunol. 142(12):4169-75. PMID: 2470817.

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