

Oligo-barcoded Anti-CD8 [CD8/4391R]

Catalog No.	Description
BN009-20	0.22 mL of ready-to-use oligo-barcoded antibody
CP009-20	0.22 mL of complementary probe conjugated with Cy3 fluorophore

Clone	Species	Ig Class
CD8/4391R	Rabbit	IgG

Intended Use

For Research Use only. This antibody is designed for the specific localization of cluster of differentiation 8 (CD8) in formalin-fixed, paraffin-embedded (FFPE) tissue sections. Evaluation must be performed by a qualified pathologist.

Summary and Explanation

CD8 molecule consists of α and β chains which are expressed either as disulfide-linked α/β heterodimer or as α/α homodimer on a T cell subset (25–35% of mature peripheral T cells), thymocytes (70–80%), and natural killer cells (30%, which are also CD3 negative). A majority of CD8-positive T cells express CD8 as α/β heterodimer. CD8 functions as a co-receptor in concert with T cell receptor for binding the MHC class I/peptide complex. The HIV-2 envelope glycoprotein binds to CD8 α chain (but not β chain).

Storage and Handling

Store at -20 °C. Allow the reagents to reach ambient temperature before use.

Reagents Provided

One vial of antibody conjugated with oligo-barcode and one vial of corresponding fluorophore-labeled complementary probe.

Recommended Protocol

Manual:

<https://omicsveu.com/wp-content/uploads/Brochures/914-0074.0.pdf>

Automation:






<https://omicsveu.com/wp-content/uploads/Brochures/914-0076.0.pdf>

For more information:

<https://omicsveu.com/wp-content/uploads/Brochures/914-0075.0.pdf>

Bibliography

- [10.1016/0092-8674\(92\)90085-q](https://pubmed.ncbi.nlm.nih.gov/9916707/)
- [10.1016/s0167-5699\(00\)01750-3](https://pubmed.ncbi.nlm.nih.gov/9626046/)
- <https://pubmed.ncbi.nlm.nih.gov/9916707/>
- <https://pubmed.ncbi.nlm.nih.gov/9626046/>

	Temperature Limitation	RUO	For Research Use Only
	Use By Date	LOT	Batch Code
	Non-Sterile		Consult Instructions for Use
REF	Catalogue Number		BioGenex

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Category	Oligo-barcoded Antibodies	Revision No.	A
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