

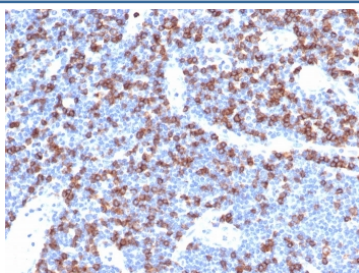
## Recombinant CD8A Antibody [clone CD8/4391R] (V8519)

Catalog No.	Formulation	Size
V8519-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8519-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8519SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

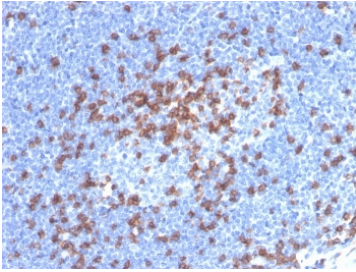
Recombinant **RABBIT MONOCLONAL**

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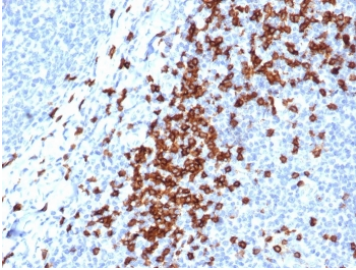
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	CD8/4391R
<b>Purity</b>	Protein A affinity chromatography
<b>UniProt</b>	P01732
<b>Localization</b>	Cell surface
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
<b>Limitations</b>	This recombinant CD8A antibody is available for research use only.



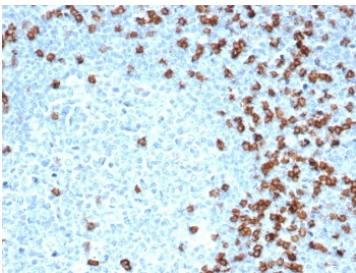
IHC staining of FFPE human lymph node tissue with recombinant CD8A antibody (clone CD8/4391R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



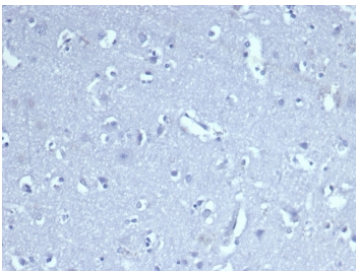
IHC staining of FFPE human lymph node tissue with recombinant CD8A antibody (clone CD8/4391R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



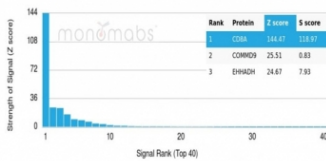
IHC staining of FFPE human tonsil tissue with recombinant CD8A antibody (clone CD8/4391R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human tonsil tissue with recombinant CD8A antibody (clone CD8/4391R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC staining of FFPE human brain tissue with recombinant CD8A antibody (clone CD8/4391R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using recombinant CD8A antibody (clone CD8/4391R). These results demonstrate the foremost specificity of the CD8/4391R mAb. Z- and S- score: The Z- score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD&#39;s) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD&#39;s) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

## Description

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that serves as a coreceptor for TCR recognition of MHC class I associated peptides and supports CTL activation by binding to the MHC, while making no direct contact with the peptide. CD8 is expressed on cytotoxic suppressor T cells. It is expressed as a heterodimer of CD8 occasionally positive cells were also identified within germinal centers and within the investing squamous epithelium. In other tissues, only lymphoid cells and cells of histiocyte lineage showed positive staining for CD8.

## Application Notes

Optimal dilution of the recombinant CD8A antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 135-235 from the human protein was used as the immunogen for the recombinant CD8A antibody.

## Storage

Store the recombinant CD8A antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).