

CD8A Rabbit Polyclonal Antibody

OPR20412

Reactivity	H,M,R	Storage	-20 °C, Avoid freeze/ thaw cycles
Host	Rabbit	Applications	WB; ELISA
Isotype	IgG	Concentration	1mg/mL

Note:Centrifuge before opening to ensure complete recovery of vial contents.

Immunogen Information

Immunogen	Synthesized peptide derived from human CD8A
Human Swiss-Prot Number	P01732
Synonym	T-cell surface glycoprotein CD8 alpha chain (T-lymphocyte differentiation antigen T8/Leu-2;CD antigen CD8a)

Product Information

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Dilution	WB: 1:1000-2000; ELISA ;1:5000-20000

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

Background

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain. Multiple transcript variants encoding different isoforms have been found for this gene.

Research Use

For research use only, not for use in diagnostic procedures.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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