

HLA-DO Alpha Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04128
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HLA-DOA. AA range:71-120
Mol wt	27599
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	HLA-DOalpha Antibody
Synonyms	HLA-DOA; HLA-DNA; HLA-DZA; HLA class II histocompatibility antigen; DO alpha chain; MHC DN-alpha; MHC DZ alpha; MHC class II antigen DOA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

HLA-DOA belongs to the HLA class II alpha chain paralogues. HLA-DOA forms a heterodimer with HLA-DOB. The heterodimer, HLA-DO, is found in lysosomes in B cells and regulates HLA-DM-mediated peptide loading on MHC class II molecules. In comparison with classical HLA class II molecules, this gene exhibits very little sequence variation, especially at the protein level.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

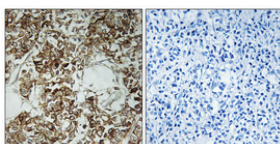
ELISA: 1: 40000

Not yet tested in other applications.

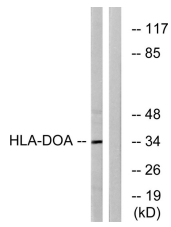
Images



Western Blot analysis of various cells using HLA-DO α Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4 $^{\circ}$ overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Storage

-20°C for one year

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