For Research Use Only

PE-conjugated CTLA-4/CD152 Polyclonal antibody

Catalog Number:PE-30648

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Basic Information

Catalog Number:
PE-30648

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0632

GenBank Accession Number:
NM_009843.4

GeneID (NCBI):
12477

UNIPROT ID:
P09793

Full Name:
cytotoxic T-lymphocyte-associated protein 4

Calculated MW:
25 kDa

Observed MW:
28-40 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IF-P: 1:50-1:500

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 nm

Applications

Tested Applications:
IF-P

Species Specificity:
mouse, rat

Positive Controls:

IF-P : mouse spleen tissue,

Background Information

CTLA-4, also known as CD152, belonging to the immunoglobulin superfamily, is primarily found on activated T cells and regulatory T cells (Tregs). CTLA-4 is closely related to the T-cell costimulatory CD28, and both molecules bind to B7-1 and B7-2 on antigen-presenting cells. CTLA-4 acts as a negative regulatory molecule of T-cell responses. Besides the full-length transmembrane form, CTLA-4 also exists in a truncated soluble form (sCTLA-4).

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
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Selected Validation Data

Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse spleen tissue using PE CTLA-4/CD152 antibody (PE-30648) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).