

#### Anti-CTLA-4 / CD152 Reference Antibody (quavonlimab) Recombinant Antibody Catalog # APR10721

### Specification

# Anti-CTLA-4 / CD152 Reference Antibody (quavonlimab) - Product Information

Application Primary Accession Reactivity Clonality Isotype Calculated MW FC, Kinetics, Animal Model <u>P16410</u> Human Monoclonal IgG1 145 KDa

## Anti-CTLA-4 / CD152 Reference Antibody (quavonlimab) - Additional Information

Target/Specificity CTLA-4 / CD152

**Endotoxin** < 0.001EU/ μg,determined by LAL method.

Conjugation Unconjugated

Expression system CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

### Anti-CTLA-4 / CD152 Reference Antibody (quavonlimab) - Protein Information

Name CTLA4

Synonyms CD152

Function

Inhibitory receptor acting as a major negative regulator of T-cell responses. The affinity of CTLA4 for its natural B7 family ligands, CD80 and CD86, is considerably stronger than the affinity of their cognate stimulatory coreceptor CD28.

#### **Cellular Location**

Cell membrane; Single-pass type I membrane protein. Note=Exists primarily an intracellular antigen whose surface expression is tightly regulated by restricted trafficking to the cell surface and rapid internalization

**Tissue Location** 



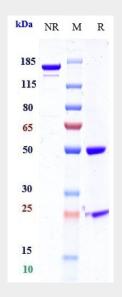
Widely expressed with highest levels in lymphoid tissues. Detected in activated T-cells where expression levels are 30- to 50-fold less than CD28, the stimulatory coreceptor, on the cell surface following activation.

# Anti-CTLA-4 / CD152 Reference Antibody (quavonlimab) - Protocols

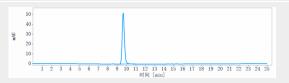
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- <u>Dot Blot</u>
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## Anti-CTLA-4 / CD152 Reference Antibody (quavonlimab) - Images



Anti-CTLA-4 / CD152 Reference Antibody (quavonlimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-CTLA-4 / CD152 Reference Antibody (quavonlimab)is more than 95% ,determined by SEC-HPLC.