

Anti-Cereblon [3B12F7]

Catalogue number: 157947

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: Ohio State University

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Cereblon [3B12F7]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Cereblon (CRBN) is a 51 kDa protein encoded by the gene CRBN. This protein is a target of the immunomodulatory drugs thalidomide, lenalidomide, and pomalidomide that show substantial activity in several hematologic cancers, including multiple myeloma, acute myeloid leukemia, and chronic lymphocytic leukemia. Cereblon protein is known to bind calcium-activated potassium channels (KCNMA1 subtype) and mutations in the CRBN gene are linked to cognitive defects, including intellectual disability. Cereblon also interacts with E3 ubiquitin ligase and may play a key role in limb outgrowth in embryos.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host: Mouse

Immunogen: Peptide corresponding to sequence near the N-terminus of human cereblon

Immunogen UNIPROT ID: CRBN_HUMAN

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Cereblon

Target alternate names:

Target background: Cereblon (CRBN) is a 51 kDa protein encoded by the gene CRBN. This protein is a target of the immunomodulatory drugs thalidomide, lenalidomide, and pomalidomide that show substantial activity in several hematologic cancers, including multiple myeloma, acute myeloid leukemia, and chronic lymphocytic leukemia. Cereblon protein is known to bind calcium-activated potassium channels (KCNMA1 subtype) and mutations in the CRBN gene are linked to cognitive defects, including intellectual disability. Cereblon also interacts with E3 ubiquitin ligase and may play a key role in limb outgrowth in embryos.

Molecular weight: 51 kDa

Ic50:

Applications

Application: WB ; IHC

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References:

CancerTools.org