

# Anti-LRP1[5A6]

**Catalogue number:** 153992

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:**

**Institute:** University of Maryland

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-LRP1[5A6]

**Alternate name:** LRP1, Low density lipoprotein receptor-related protein 1, apolipoprotein E receptor (APOER), cluster of differentiation 91 (CD91), alpha-2-macroglobulin receptor (A2MR)

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** LRP1 is an endocytic receptor that interacts with several ligands including alpha 2-macroglobulin. Functionally, the receptor mediates cellular signalling with implications in Alzheimer's disease. This receptor is expressed in brain, liver, and lung and localized to the cytoplasm and nucleus.

**Purpose:** Marker

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG2b

**Reactivity:** Mouse ; Rat ; Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** recombinant human fragment; 85 kDa LRP

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Low density lipoprotein receptor-related protein-1, light chain

**Target alternate names:**

**Target background:** LRP1 is an endocytic receptor that interacts with several ligands including alpha 2-macroglobulin. Fnl1, the receptor mediates cellular signalling with implications in Alzheimer's disease. This receptor is expressed in brain, liver, and lung and localized to the cytoplasm and nucleus.

**Molecular weight:** 85/515/600 kDa

**Ic50:**

## Applications

**Application:** WB ; IHC ; IF

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Strickland et al. 1990. J Biol Chem. 265(29):17401-4. PMID: 1698775. ; Sequence identity between the alpha 2-macroglobulin receptor and low density lipoprotein receptor-related protein suggests that this molecule is a multiFn receptor.

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