

# Anti-HuR [4C8] (ChIP Grade)

**Catalogue number:** 153520

**Sub-type:**

**Images:**

## Contributor

**Inventor:**

**Institute:**

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-HuR [4C8] (ChIP Grade)

**Alternate name:** ELAV-like protein 1, Human antigen R

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** ELAV-like protein 1 or HuR (human antigen R) is a protein that in humans is encoded by the ELAVL1 gene. The protein encoded by this gene is a member of the ELAVL protein family. This encoded protein contains 3 RNA-binding domains and binds cis-acting AU-rich elements. It stabilizes mRNAs and thereby regulates gene expression. A popular technique is to use anti-HuR antibodies to pull out interacting mRNAs and thereby analyse gene expression in a particular tissue. Monoclonal antibody 4C8 was selected by its ability to bind to the HuR/mRNA complex and thus is very useful for EMSA, ChIP and CLIP studies.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** HuR peptide

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** HuR

**Target alternate names:**

**Target background:** ELAV-like protein 1 or HuR (human antigen R) is a protein that in humans is encoded by the ELAVL1 gene. The protein encoded by this gene is a member of the ELAVL protein family. This encoded protein contains 3 RNA-binding domains and binds cis-acting AU-rich elements. It stabilizes mRNAs and thereby regulates gene expression. A popular technique is to use anti-HuR antibodies to pull out interacting mRNAs and thereby analyse gene expression in a particular tissue. Monoclonal antibody 4C8 was selected by its ability to bind to the HuR/mRNA complex and thus is very useful for EMSA, ChIP and CLIP studies.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ChIP ; ELISA ; IHC ; EMSA

**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