

POU2F2 / OCT2 Antibody (clone 3E3-6F9)
Mouse Monoclonal Antibody
Catalog # ALS14129**Specification**

POU2F2 / OCT2 Antibody (clone 3E3-6F9) - Product Information

Application	WB, IHC
Primary Accession	P09086
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	51kDa KDa

POU2F2 / OCT2 Antibody (clone 3E3-6F9) - Additional Information**Gene ID** 5452**Other Names**

POU domain, class 2, transcription factor 2, Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2, Octamer-binding protein 2, Oct-2, Octamer-binding transcription factor 2, OTF-2, POU2F2, OCT2, OTF2

Target/Specificity

Human POU2F2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

POU2F2 / OCT2 Antibody (clone 3E3-6F9) is for research use only and not for use in diagnostic or therapeutic procedures.

POU2F2 / OCT2 Antibody (clone 3E3-6F9) - Protein Information**Name** POU2F2 ([HGNC:9213](#))**Synonyms** OCT2, OTF2**Function**

Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3') (PubMed:2904654, PubMed:7859290). Regulates IL6 expression in B cells with POU2AF1 (By similarity). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression (PubMed:2901913, PubMed:2904654). Modulates transcription transactivation by NR3C1, AR and PGR (PubMed:10480874).

Cellular Location

Cytoplasm. Nucleus.

Tissue Location

Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.

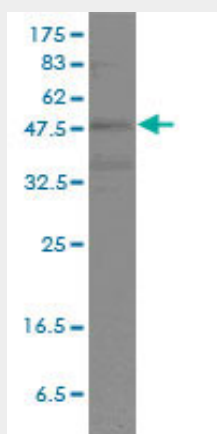
Volume

250 µl

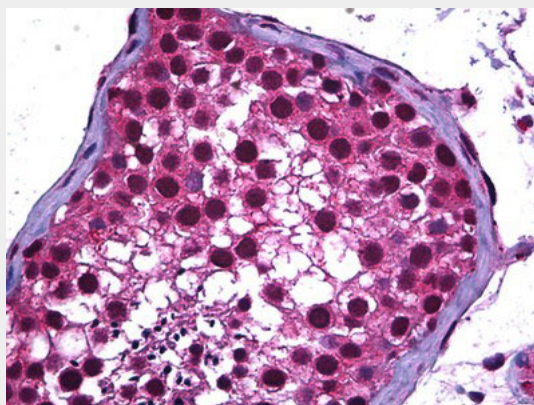
POU2F2 / OCT2 Antibody (clone 3E3-6F9) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

POU2F2 / OCT2 Antibody (clone 3E3-6F9) - Images

POU2F2 monoclonal antibody clone 3E3-6F9 Western blot of POU2F2 expression in HL-60.



Anti-POU2F2 / Oct-2 antibody IHC of human testis.

POU2F2 / OCT2 Antibody (clone 3E3-6F9) - Background

Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.

POU2F2 / OCT2 Antibody (clone 3E3-6F9) - References

Clerc R.G.,et al.Genes Dev. 2:1570-1581(1988).
Scheidereit C.,et al.Nature 336:551-557(1988).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Mueller M.M.,et al.Nature 336:544-551(1988).
Muller-Immergluck M.M.,et al.EMBO J. 9:1625-1634(1990).