

A2EN human epithelial cell line

Catalogue number: 157949

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: A2EN human epithelial cell line

Alternate name:

Class:

Conjugate:

Description: A2EN is an immortalized epithelial cell line originating from an endocervical tissue explant that can be polarized to exhibit distinct apical and basolateral membrane domains. Polarized A2EN cells maintain phenotypic and functional characteristics of the epithelial endocervix cells including secreting mucus and expressing MUC5B, hormone receptors, anti-microbial peptides (AMPs) and pro-inflammatory cytokines and chemokines. This in vitro model can be used in sexually transmitted infections and topical microbicides research.

Purpose:

Parental cell:

Organism: Human

Tissue: Cervix

Model: Immortalised Line

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools:

References

References: Cohen et al. 2013. PLoS Pathog. 9(10):e1003706. PMID: 24130498. ; Oghumu et al. 2013. J Immunol. 190(5):2229-40. PMID: 23338236.

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