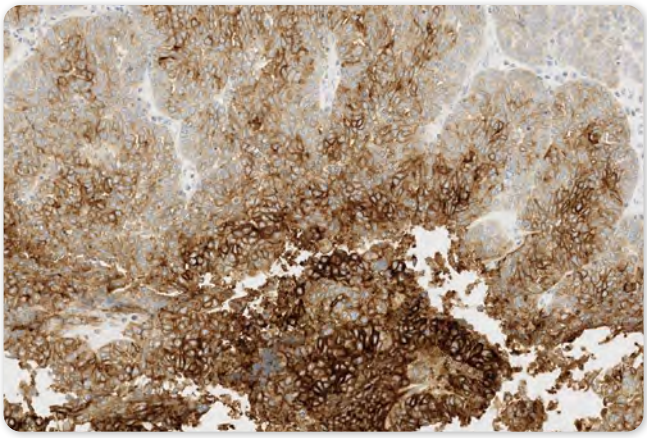
EXPLORE
FRαlpha

Challenging FRα Staining Patterns

For more information, visit:
Explore-FRalpha.com

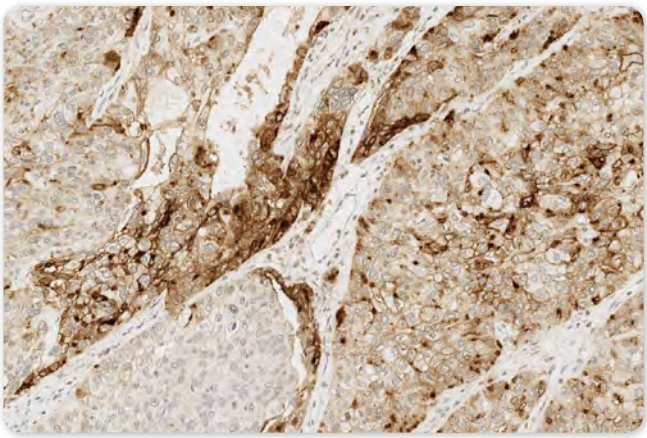
This resource has been developed by AbbVie and is for illustrative purposes only. Images are representative and not intended for clinical use. Images are provided by Roche Diagnostics.



Heterogeneous FRα Expression

Characterization
Variable membrane staining intensity

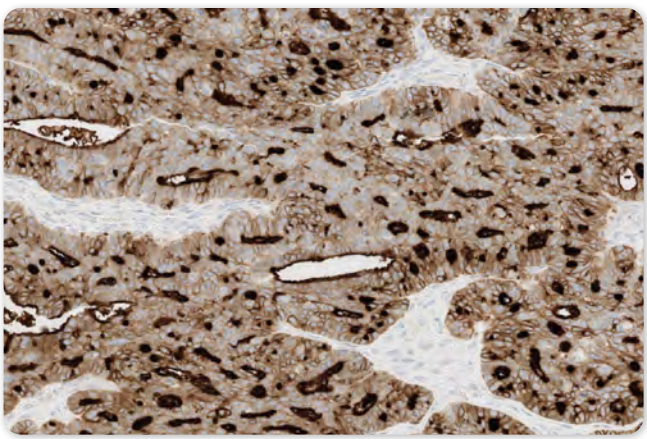
Assessment Impact
May require closer examination at both higher and lower power to determine TC percentages



Obscuring Cytoplasmic Staining

Characterization
Staining in the cytoplasm of TCs

Assessment Impact
Challenging to determine membrane specific staining. Viewing the slide at a higher magnification may help elucidate staining patterns



Dot-like Staining Pattern

Characterization
Cases exhibiting dark brown secretions filling the gland lumens, mimicking membrane staining

Assessment Impact
Assessment for dot-like staining may be required for accurate interpretation. If present, dot-like staining of gland lumens is included in the FRα assessment. Dots observed **in the cytoplasm** are not included in assessment

FRα=folate receptor alpha; TC=tumor cell.

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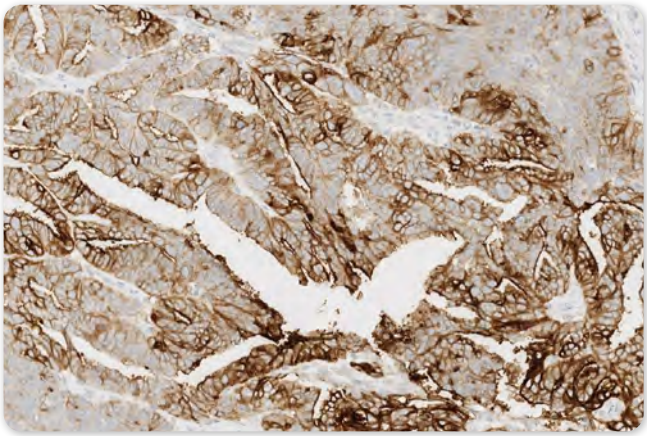


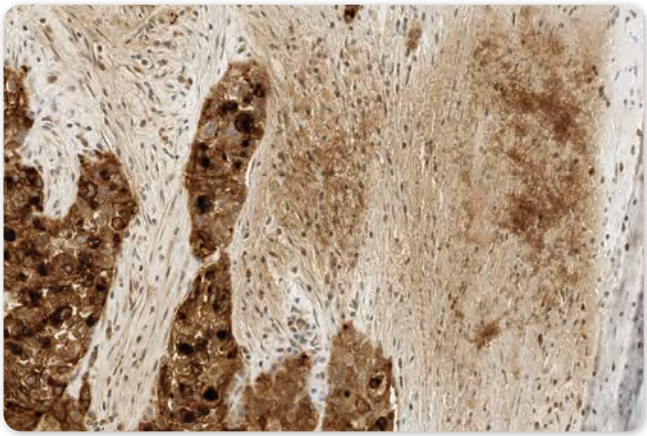
Apical Staining Pattern

Characterization

Staining in tissues with glandular or tubular morphology

Assessment Impact

If present, assessment of concurrent membranous staining in the portion of cells oriented towards the lumen of a gland or tubule is required



Non-specific Background Staining

Characterization

Staining not associated with FRα expression

Assessment Impact

Evaluation of internal control areas and positive/ negative control slides should be used to assess the level of non-specific background staining

Tissue or Staining Artifacts

Characterization

Can include: fixation gradients and edge effects, DAB trapping, nuclear bubbling, lack of staining in regions, tearing or folding of tissue, loss of tissue section

Assessment Impact

Repeat staining or new sample may be required

DAB=3,3'-diaminobenzidine; FRα=folate receptor alpha.

Reference: VENTANA FOLR1 (FOLR1-2.1) RxDx Assay Interpretation Guide for Epithelial Ovarian, Fallopian Tube, or Primary Peritoneal Cancer. 1015089US Rev B. 2023-09-01.

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