Epithelium Tissue

Type of Cell	Structure	Function	Location
Simple Squamous	Single layer of flattened cells	Diffusion, filtration, secretion, absorption	Kidney tubules
Stratified Squamous	Multiple layers of cells with cuboidal cells on bottom & flattened cells toward apical surface	Protection	Kidney, mouth, vagina
Simple Cuboidal	Single layer of cube-shaped cells	Absorption, secretion, movement	Terminal bronchioles of lungs
Stratified Cuboidal	Multiple layers of cube-shaped cells	Secretion, absorption, protection	Sweat gland ducts
Simple Columnar	Single layer of tall, narrow cells	Movement, secretion, absorption	Intestines
Stratified Columnar	Multiple layers of tall, thin cells resting on layers of cuboidal cells	Protection, secretion	Mammary glands
Pseudostratified	Single layer of cells with all cells attached to basement membrane but not all reach the apical surface	Movement	Respiratory tract
Transitional	Stratified cells that appear cube-like when relaxed & squamous when organ/tube is filled with liquid	Protection, accommodation of fluids	Urinary bladder, ureters, urethra