

## Epson Perfection V700 Workflow: Scan Sheet Film

Media:	Sheet film
Hardware:	Epson Scanner with transparency hood and film holder
Software:	Epson Scan software
Goal:	You are scanning large format sheet film and want to create an archival tiff file with no color correction and do not want to remove scratches, embedded dust and other flaws.

Open Epson Scan software and select

**Mode: Professional Mode.**

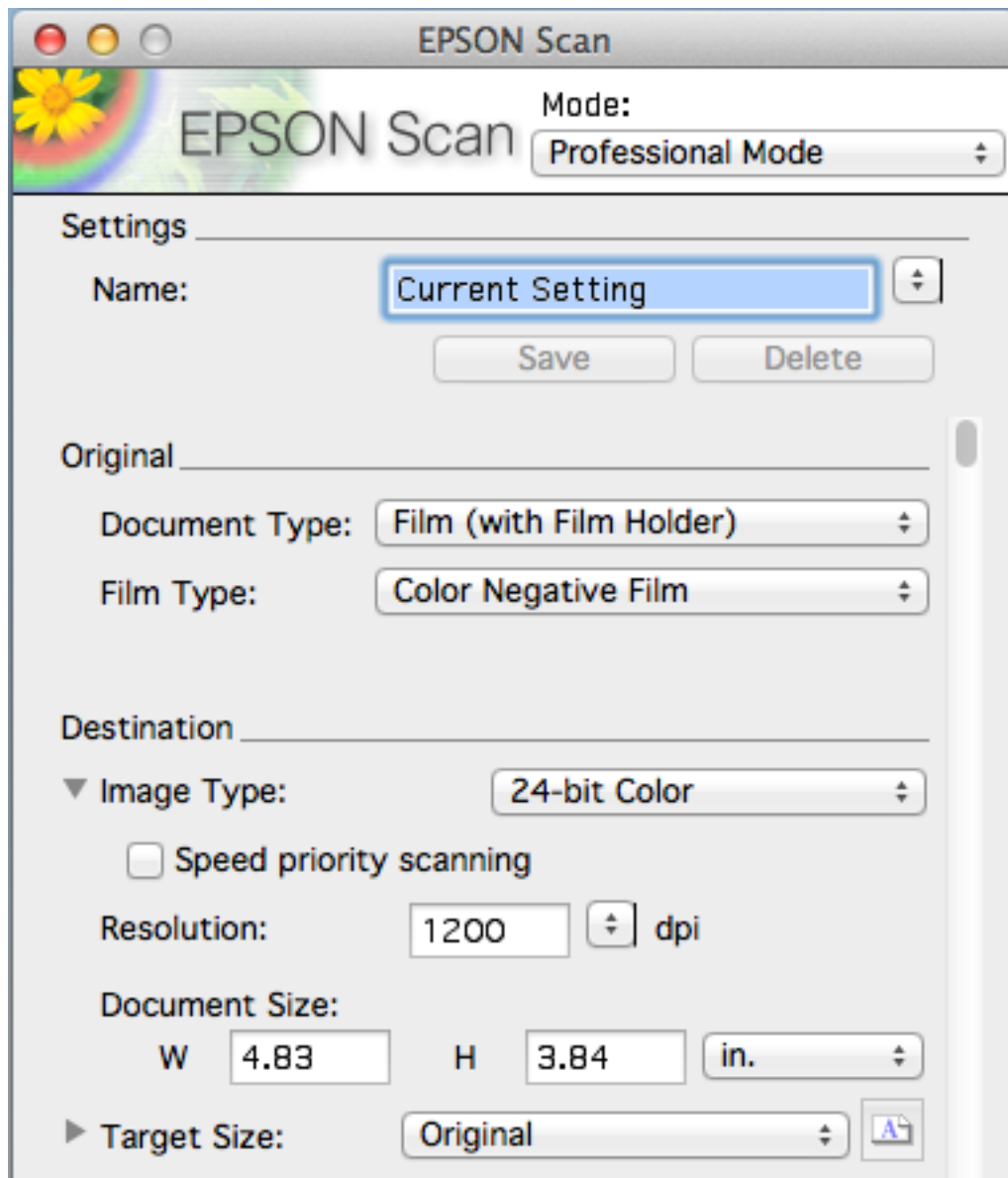
**Original**

**Document Type: Film (with Film Holder) or Film (with Film Area Guide)**

**Film Type: B&W Negative Film or Color Negative Film or Positive Film**

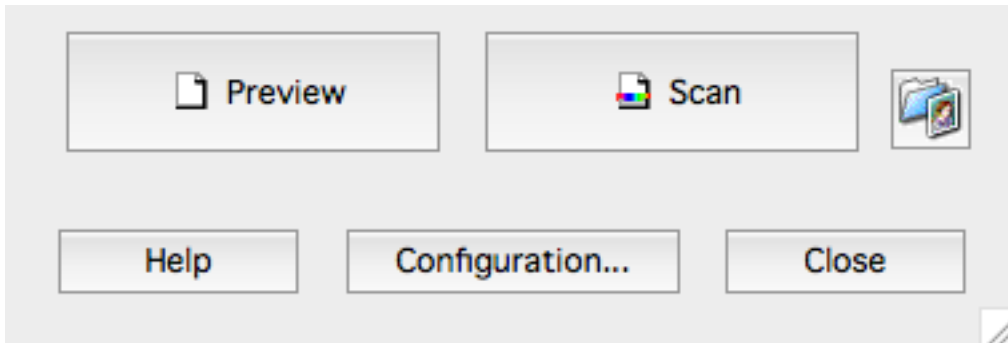
**Image Type: 24-bit Color** (or enter your selection)

**Resolution: 1200 dpi** (or enter your selection)

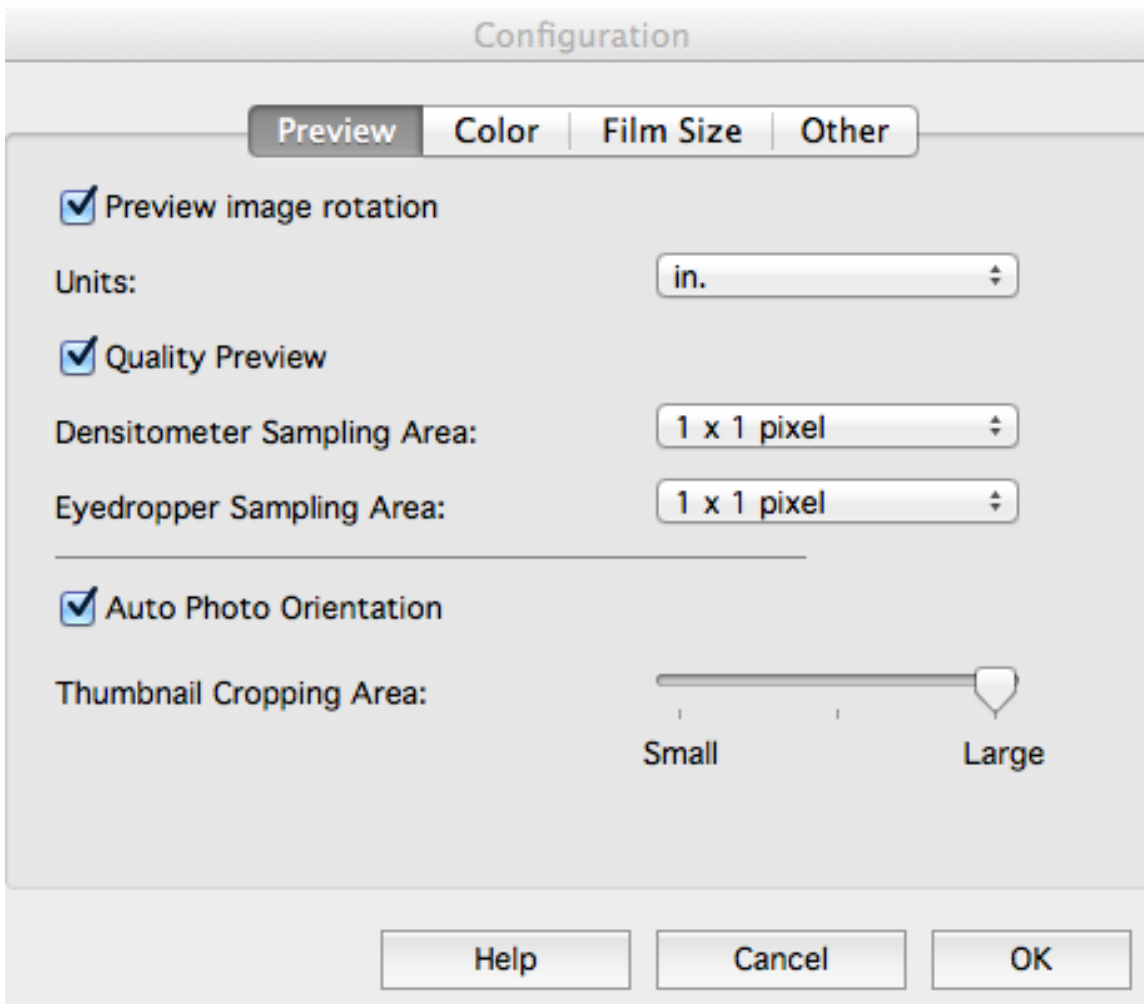


If you are scanning black and white negatives, 24-bit Color is the preferred color space. RGB consistently shows more depth and definition than an 8-bit grayscale scan. Grayscale scans seem flat in comparison to the RGB, even when later converted to grayscale in Photoshop.

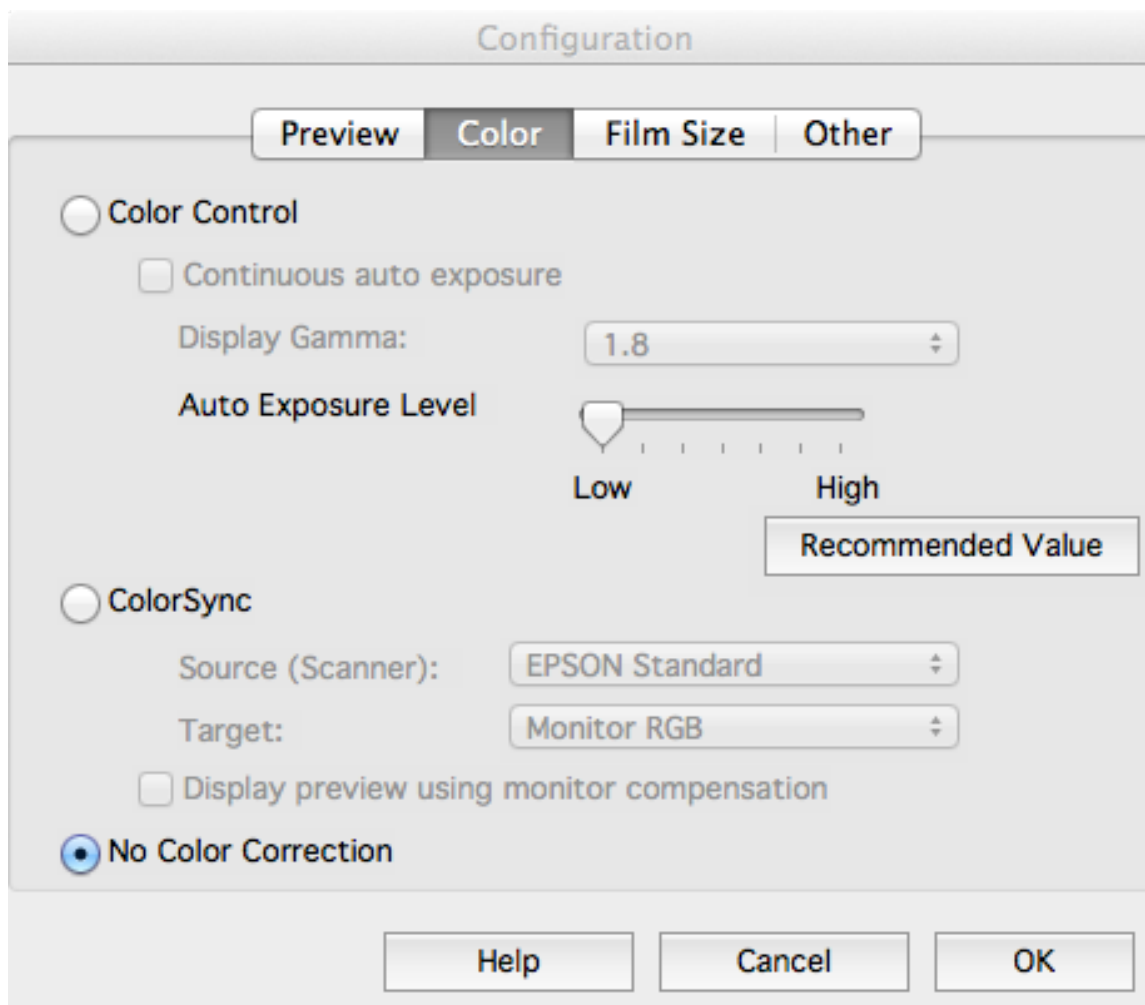
Click the **Configuration...** button at the bottom of the Epson Scan window.



When the **Configuration** dialog box opens, click the **Preview** button then check **Preview image rotation**, **Quality Preview**, and **Auto Photo Orientation**. Select **Large** for **Thumbnail Cropping Area** if you are using a film holder. The large cropping area will guarantee that none of the image is cropped.

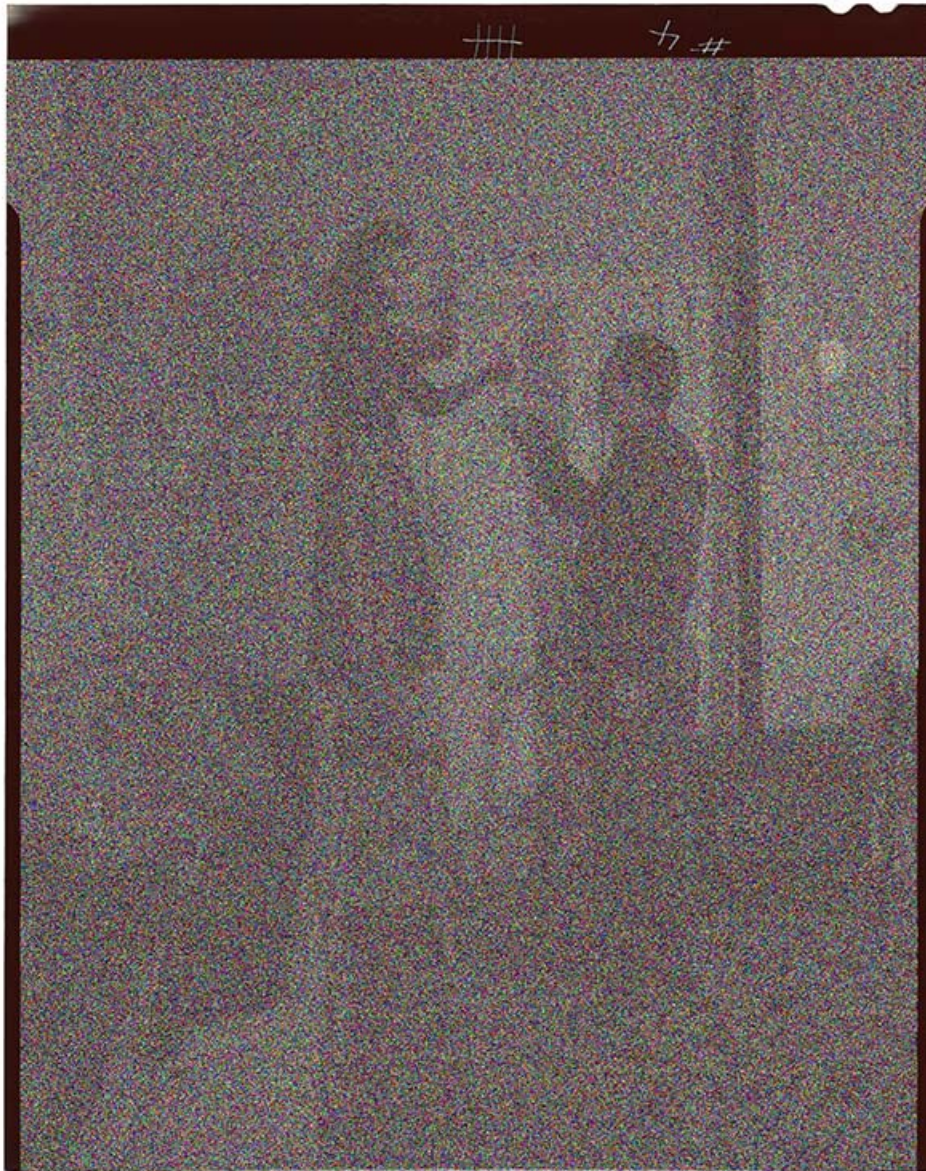


Click the **Color** button. Select the **No Color Correction** button. Click the **OK** button.



Clean the glass surface of the document table and transparency hood with a soft dry cloth. If the glass surface is stained with grease or some other hard-to-remove material, use a small amount of water or glass cleaner and a soft cloth to remove it. Wipe off all remaining liquid. Make sure there is no dust.

Remove dust from the negative or transparency to be scanned using an anti-static photo brush. Determine which side of the film is the emulsion side. According to Wikipedia, "Sheet films have notches cut into one short side. This makes it simple to determine which side is the emulsion, when the film is hidden from sight (in the darkroom, or inside a changing bag). When holding the sheet in "portrait" orientation (short side up), with the notches in the upper right, the emulsion side is facing the photographer. The notch patterns vary in size and layout; each type of film has its own distinct pattern, commonly referred to as a [notch code](#), to enable film type identification."



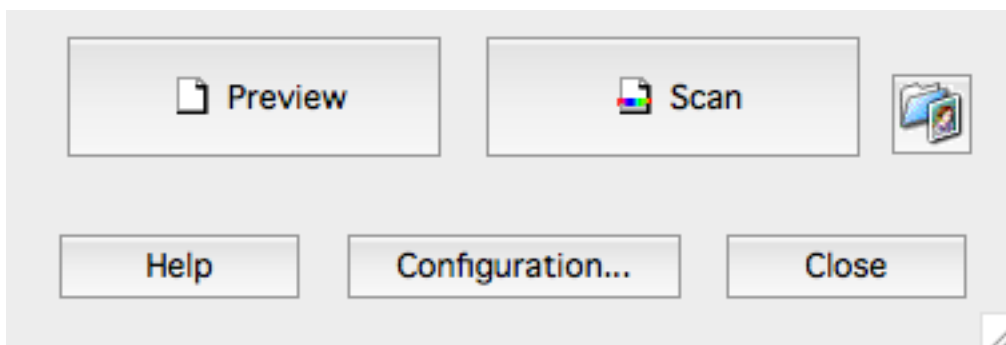
In the example to the left, the emulsion is facing the viewer because the notch code is in the upper right corner.

Once you have determined which side of the film is the emulsion side, you can place the film in the negative holder with the emulsion side facing you. Note that the Epson Perfection V700 Photo scanner will not detect your film if you use any film holder other than those that came with the scanner.

If your film will lay flat, another option is to place the film directly on the scanner glass with emulsion side down, notch code in the upper left. If you lay the base or gloss side down, it is likely the film and glass will create Newton Rings in the final scan. You can use Epson's Film Area

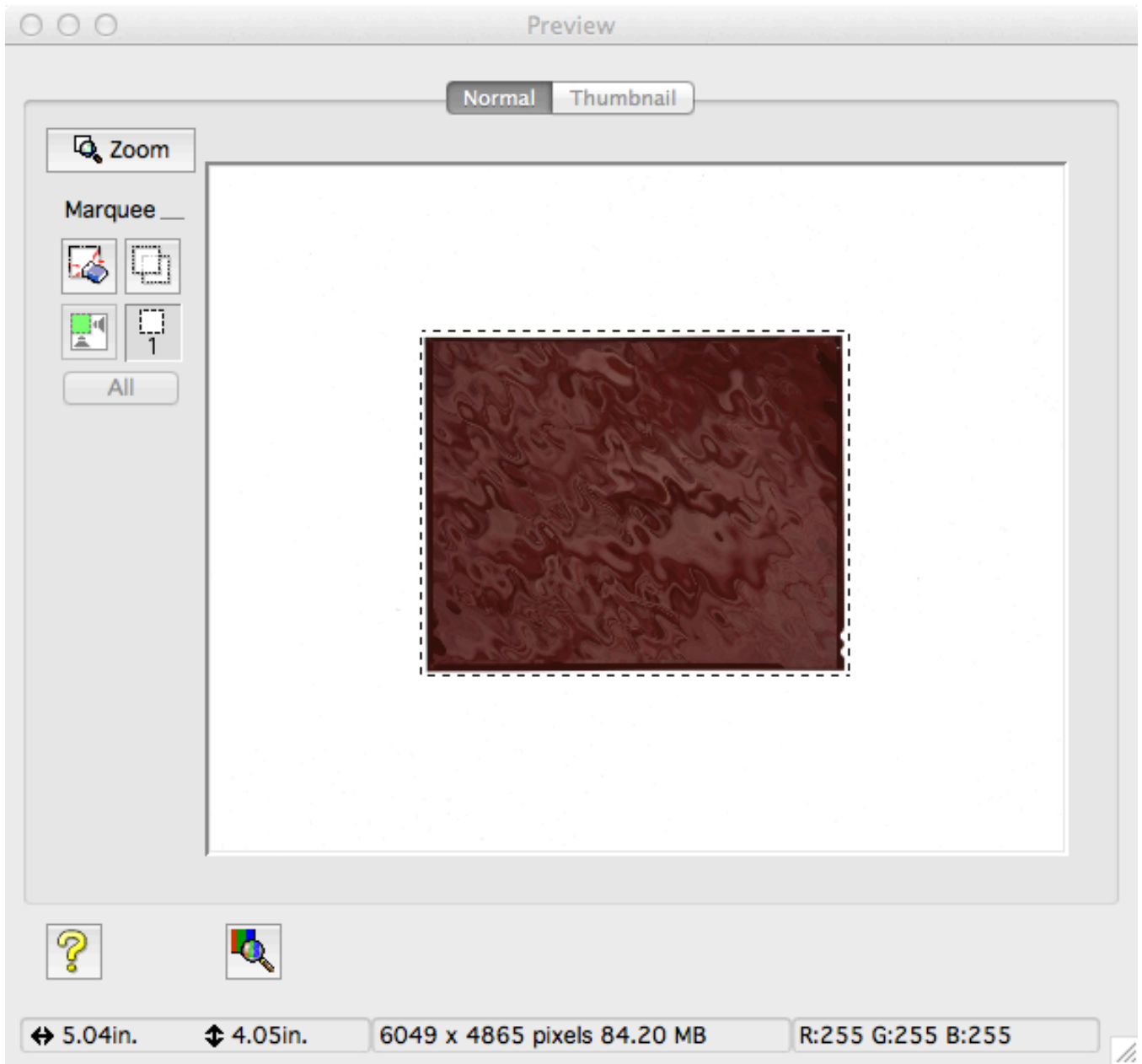
Guide on scanner to make sure you keep your film within the scanner's viewable field. If you use this option, remember to flip the image horizontally in your graphic editing software. Otherwise, the image will be reversed.

Click the **Preview** button at the bottom of the Epson Scan window.



Make your marquee selection, then click the **Scan** button.





This will bring up the **File Save Settings** window. Click the **Choose...** button and select the location you want your images saved to. Then enter your image file name prefix in the **Prefix** box. Enter **Start Number:** and in the **Image Format > Type:** dropdown list select **TIFF (\*.tif)**. Then click the **OK** button and your images will begin to scan.

**File Save Settings**

**Location**

Documents

Pictures

Other: Tutorial Choose...

**File Name (Prefix + 3-digit number)**

Prefix:  Start Number:

**Image Format**

Type:  Options...

Details:

Byte Order: Macintosh  
Compression: None  
Embed ICC Profile: ON

Overwrite any files with the same name

Show this dialog box before next scan

Open image folder after scanning

Show Add Page dialog after scanning.

M. Cathay Ericson – October 6, 2014